Prof. Dr. Alfred Toth

Grundlegung einer qualitativen Kommunikationstheorie. Bd. 5

Vorwort

Bekanntlich bildet die Kommunikationstheorie das Kerngebiet der Kybernetik der 60er Jahre. Das 1963 erschienene Buch von Shannon und Weaver ging von einer triadischen Kommunikationsrelation, bestehend aus Expedient (Sender bzw. Quelle), Kanal und Rezipient (Empfänger bzw. Senke) aus. Meyer-Eppler baute dann seine bekannte „Informationstheorie" in der 2. Aufl. von 1969 auf dem Signalbegriff auf und bestimmte den Sender als logische Objekt- und den Empfänger als logische Subjektposition. Der Grund dafür ist viel trivialer als häufig angenommen wird: Es gibt eben emittierende (z.B. radioaktive), aber keine rezipierenden Objekte. Da es in der 2-wertigen aristotelischen Logik nur zwei Plätze, einen für das Objekt und einen für das Subjekt, gibt, werden einem belebten Subjekt als Sender daher beide logischen Positionen zugeschrieben. (Diese Annahme gipfelte später in Chomskys Sprachtheorie in der Konzeption eines „idealen Sprecher-Hörers".) Aufgabe des Kanals ist es, die vom Objekt expedierten Signale zum Subjekt zu transportieren. Bense hatte bereits 1971 das Meyer-Epplersche signalitive Kommunikationsmodell übernommen und die logischen Positionen sowie den Kanal durch semiotische Kategorien ersetzt, indem er dem Sender den Objektbezug, dem Kanal den Mittelbezug und dem Empfänger den Interpretantenbezug zuwies. Auf der Basis der benseschen Semiotik ist es damit unmöglich, daß der das Subjekt semiotisch kodierende Interpretantenbezug als Sender fungiert.

Im vorliegenden und den folgenden Bänden konstruiere ich eine neue Kommunikationstheorie auf der Basis von vier statt drei Werten, so daß kein illegitimer logischer Kollaps von Objekt- und Subjektposition auftreten und der Interpretant als Sender fungieren kann. Dabei wird allerdings die triadische Struktur der informationstheoretischen Kommunikationstheorie beibehalten. Dies ergibt kombinatorisch jeweils 24 Basisschemata. Ferner wird die Permutation der Werte zugelassen. Dies führt zu einer sehr großen Anzahl von Komunikationsrelationen, die selbst triadisch, d.h. vermittelt, präsentiert werden. Im Eingangskapitel reproduziere ich einen kürzlich veröffentlichten Aufsatz von mir, in dem die Isomorphie von Zahl, Zeichen und Objekt nachgewiesen wird. Die hier vorgelegte Kommunikationstheorie ist damit qualitativ und universell anwendbar. Ähnlich, wie ich es bereits in meiner „Theory of the Night" (2016) mit Paaren von Kreationsschemata getan hatte, beschränke ich mich auch auch bei den Tripeln von Kommunikationsschemata

nicht auf die rein quantitative Darstellung durch die natürlichen Zahlen, sondern präsentiere die Ergebnisse in den selben 8 Zahlenarten, die ich bereits in meinem erwähnten Buche sowie zwei an es anschließenden Aufsätzen getan hatte. Folgende Übersicht orientiert über die in den einzelnen Bänden verwandten arithmetischen „Dialekte":

Bd. 1   Peano-Zahlen

Bd. 2   Surreale Zahlen (Conway-Zahlen)

Bd. 3   Eisenstein-Zahlen

Bd. 4   Quadralektische Zahlen

Bd. 5   Systemische Zahlen

Bd. 6   Regionale Zahlen

Bd. 7   Relationale Zahlen

Bd. 8   Qualitative Zahlen

Dieses aus 8 Teilbänden bestehende Werk sei denjenigen unter meinen Lehrern und Fachkollegen gewidmet, denen mein eigenes Werk am meisten verdankt (in alphabetischer Ordnung): Prof. Dr. Max Bense (1910-1990), Prof. Dr. Gotthard Günther (1900-1984), Prof. Dr. Rudolf Kaehr (1942-2016) und meinem Freund Dr. Engelbert Kronthaler.

Tucson, AZ, 13.1.2019   Prof. Dr. Alfred Toth

Zahlen, Zeichen und Objekte

Bekanntlich hatte Bense bereits (1975, S. 168 ff.) gezeigt, daß das Zeichen sich mittels der Peano-Axiome einführen läßt, wobei die Initialzahl der Folge, d.h. entweder die 0 oder 1, als „Präsentant" und der Nachfolger einer Peanozahl n (n > 0 bzw. n > 1) als „Repräsentant" fungiert. Später (1986, S. 192 ff.) hatte Bense dann sogar aufgezeigt, daß sich die von Peirce bereits 1881 aufgestellten „Axioms of Number" als eine Voläuferversion der Peano-Axiome interpretieren lassen und daß die peircesche Zeichenrelation sich ebenfalls mit Hilfe der Axioms of Number einführen läßt. Im Jahre 1981 führte Bense die Fundamentalkategorien in numerischer Notation als „Primzeichen" bzw. „Zeichenzahlen" ein (Bense 1981, S. 17 ff.)

Z (1., 2., 3.).

Wir haben damit

Zahl	$\cong$	Zeichen
1	$\cong$	1.
2	$\cong$	2.
3	$\cong$	3.

Damit bleibt die Frage nach dem Objekt, denn wir hatten ja in einer sehr langen Reihe von Arbeiten seit 2008 gezeigt, daß das Zeichen dem Objekt ebenfalls isomorph ist. Hier stellen sich vom Standpunkt der peirceschen Semiotik zwei Probleme:

1. Obwohl Bense das Zeichen ausdrücklich als „Metaobjekt" eingeführt hatte (Bense 1967, S. 9), was also ein Objekt außerhalb des „Universums der Zeichen" voraussetzt, spielt das Objekt in fast der gesamten späteren Semiotik keine Rolle mehr. Vielmehr ist die bensesche Semiotik als Pansemiotik im Sinne der Gültigkeit der modelltheoretischen Sätze der Extensivität, Monotonie und Abgeschlossenheit (vgl. Schwabhäuser 1971, S. 40) konzipiert, d.h. das Objekt taucht zwar ein „bezeichnetes Objekt" bzw. als „Präsentamen" auf, aber nicht als Objekt außerhalb des „semiotischen Raumes". Eine Ausnahme bildet lediglich eine Konzeption, die Bense 1975 vorgelegt, später aber nicht mehr aufgenommen hatte: Dort wird das Objekt als 0-relationales Zeichen definiert und dem „semiotischen Raum" ein „ontischer Raum" gegenübergestellt. Allerdings

ist dieses „vorthetische" oder „disponible" Objekt damit aber auch eher ein ontologisches als ein ontisches Objekt, denn es ja bereits zur Zeichensetzung intendiert, also zu der sich bereits aus Bense (1967, S. 9) ableitbaren Funktion der „Metaobjektivation"

$$\mu: \quad O° \rightarrow Z,$$

worin allerdings also

$$O° \neq \Omega$$

gilt, d.h. μ hat nichts mit der Dichotomie

$$D = (\Omega, Z)$$

zu tun.

Der Objektbegriff taucht explizit lediglich in der nur auf 1 Seite von Bense knapp skizzierten „Raumsemiotik" auf (vgl. Bense/Walther 1973, S. 80). Dort wird das Objekt zwar in iconisch fungierende Systeme, indexikalisch fungierende Abbildungen und symbolisch fungierende Repertoires subkategorisiert, aber diese drei Arten von Objekten werden sogleich als Subzeichen des semiotischen Objektbezuges eingeführt. Einen Mittel- und einen Interpretantenbezug des „Raumzeichens" gibt es nicht. Allerdings scheinen uns die drei von Bense unterschiedenen Objekte als „Fundamentalkategorien" von Ω brauchbar, d.h. JEDES REALE, D.H. ONTISCHE OBJEKT IST ENTWEDER EIN SYSTEM, EINE ABBILDUNG ODER EIN REPERTOIRE. Da die „generative" (Bense) Relation innerhalb der Trichotomien jeder Triade in Richtung maximaler Abstraktion verläuft (im Mittelbezug vom Quali- über das Sin- zum Legizeichen, im Objektbezug vom Icon über den Index zum Symbol, und im Interpretantenbezug von Rhema über das Dicent zum Argument, wollen wir als Symbole für die Fundamentalkategorien des Objektes

$$Sys := \square$$

$$Abb := \rightarrow$$

$$Rep = —$$

vereinbaren. Wir erhalten dann folgendes Isomorphieschema von Zahl, Zeichen und Objekt

Zahl		Zeichen		Objekt
1	≅	1.	≅	□
2	≅	2.	≅	→
3	≅	3.	≅	—

und damit natürlich

$Za \cong Z \cong \Omega.$

Vermutlich ist es sogar so, DAß DIESE DREI ENTITÄTEN, DIE ZAHL, DAS ZEICHEN UND DAS OBJEKT, DIE TIEFSTEN FUNDAMENTALEN BAUSTEINE EINES „UNIVERSUMS DES GEISTES" DARSTELLEN.

Kommunikationstheorie

Wir gehen aus von der Menge von 4 Elementen

P = (A(A), A(I), I(A), I(I)),

die auf I(I) Plätze distribuiert werden können. Dann gibt es genau I(A)4 mögliche Kombinationen.

1	(A(A)→	A(I) →	I(A))
2	(A(A)→	A(I) →	I(I))
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23	(I(I)	→	I(A)	→	A(A))
24	(I(I)	→	I(A)	→	A(I))

Nach Kanälen geordnet:

7	(A(I)	→	A(A)	→	I(A))
8	(A(I)	→	A(A)	→	I(I))
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1. Qualitative Kanäle

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            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(I) →   A(I) →   I(A))
            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(I) →   I(A) →   A(A))
            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(I) →   I(A) →   A(I))
            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I)) →   (I(A) →   A(I) →   A(A))
            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I)) →   (I(A) →   A(I) →   I(I))
            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I)) →   (I(A) →   I(I) →   A(A))
            (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(A) →   I(I)   →   A(I))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(A) →   A(I))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(A) →   I(A))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(I)   →   A(A))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(I)   →   I(A))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   I(A)   →   A(A))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   I(A)   →   A(I))
                    (A(I) →   A(A) →   I(I))

(I(A) →   A(I)   →   A(A))→   (I(A) →   A(I)   →   I(I))
                    (A(I) →   A(A) →   I(I))

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(I(A) →   A(I)   →   A(A))→   (I(A) →   I(I)   →   A(A))

                   (A(I) →   A(A) →   I(I))

(I(A) →   A(I)   →   A(A))→   (I(A) →   I(I)   →   A(I))

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(I(A) →   A(I)   →   A(A))→   (I(I) →   A(A) →   A(I))

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                   (A(I) →   A(A) →   I(I))

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                   (A(I) →   A(A) →   I(I))

(I(A) →   A(I)   →   A(A))→   (I(I) →   I(A) →   A(A))

                   (A(I) →   A(A) →   I(I))

(I(A) →   A(I)   →   A(A))→   (I(I) →   I(A) →   A(I))

                   (A(I) →   A(A) →   I(I))

$(I(A) \rightarrow A(I) \rightarrow I(I)) \rightarrow (I(A) \rightarrow I(I) \rightarrow A(A))$
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$(A(I) \rightarrow A(A) \rightarrow I(I))$

$(I(A) \rightarrow A(I) \rightarrow I(I)) \rightarrow (I(I) \rightarrow A(A) \rightarrow A(I))$
$(A(I) \rightarrow A(A) \rightarrow I(I))$

$(I(A) \rightarrow A(I) \rightarrow I(I)) \rightarrow (I(I) \rightarrow A(A) \rightarrow I(A))$
$(A(I) \rightarrow A(A) \rightarrow I(I))$

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$(A(I) \rightarrow A(A) \rightarrow I(I))$

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$(A(I) \rightarrow A(A) \rightarrow I(I))$

$(I(A) \rightarrow A(I) \rightarrow I(I)) \rightarrow (I(I) \rightarrow I(A) \rightarrow A(I))$
$(A(I) \rightarrow A(A) \rightarrow I(I))$

(I(A) →   I(I)   →   A(A)) →   (I(A) →   I(I)   →   A(I))

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(I(A) →   I(I)   →   A(A)) →   (I(I) →   A(A) →   A(I))

           (A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(A)) →   (I(I) →   A(A) →   I(A))

           (A(I) →   A(A) →   I(I))

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           (A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(A)) →   (I(I) →   A(I) →   I(A))

           (A(I) →   A(A) →   I(I))

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           (A(I) →   A(A) →   I(I))

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           (A(I) →   A(A) →   I(I))

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           (A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I)   →   A(A) →   I(A))

(A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I)   →   A(I)   →   A(A))

(A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I)   →   A(I)   →   I(A))

(A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I)   →   I(A)   →   A(A))

(A(I) →   A(A) →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I)   →   I(A)   →   A(I))

(A(I) →   A(A) →   I(I))

(I(I)   →   A(A) →   A(I)) →   (I(I)   →   A(A) →   I(A))

(A(I) →   A(A) →   I(I))

(I(I)   →   A(A) →   A(I)) →   (I(I)   →   A(I)   →   A(A))

(A(I) →   A(A) →   I(I))

(I(I)   →   A(A) →   A(I)) →   (I(I)   →   A(I)   →   I(A))

(A(I) →   A(A) →   I(I))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

(A(I) → A(A) → I(I))

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(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(A(I) → A(A) → I(I))

1.3. Chreode = (I(A)   →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(A)→   A(I) →   I(I))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(A)→   I(A) →   A(I))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(A)→   I(A) →   I(I))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(A)→   I(I) →   A(I))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(A)→   I(I) →   I(A))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(I) →   A(A) →   I(A))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(I) →   A(A) →   I(I))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(I) →   I(A) →   A(A))
                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(I) →   I(A) →   I(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(I) →   I(I) →   A(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (A(I) →   I(I) →   I(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(A) →   A(A) →   A(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(A) →   A(A) →   I(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(A) →   A(I) →   A(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(A) →   A(I) →   I(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(A) →   I(I) →   A(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(A) →   I(I)   →   A(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   A(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   I(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(I) →   A(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(I) →   I(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(I) →   I(A) →   A(A))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(A)) →   (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   A(I))

(A(A)→   A(I) →   I(I)) →   (A(A)→   I(A) →   A(I))

(I(A) →   A(A) →   A(I))

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$
$(I(A) \quad \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad I(I))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
$(I(A) \quad \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$

(A(A)→   A(I)   →   I(I))   →   (A(I) →   I(I)   →   I(A))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(A) →   A(A) →   A(I))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(A) →   A(A) →   I(I))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(A) →   A(I)   →   A(A))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(A) →   A(I)   →   I(I))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(A) →   I(I)   →   A(A))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(A) →   I(I)   →   A(I))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(I) →   A(A) →   A(I))

                    (I(A) →   A(A) →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(I)   →   A(A)   →   I(A))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(I)   →   A(I)   →   A(A))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(I)   →   A(I)   →   I(A))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(I)   →   I(A)   →   A(A))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   A(I)   →   I(I))   →   (I(I)   →   I(A)   →   A(I))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   I(A)   →   A(I))   →   (A(A)→   I(A)   →   I(I))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   I(A)   →   A(I))   →   (A(A)→   I(I)   →   A(I))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→   I(A)   →   A(I))   →   (A(A)→   I(I)   →   I(A))

                        (I(A)   →   A(A)   →   A(I))

(A(A)→ I(A) → A(I)) → (A(I) → A(A) → I(A))
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$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$
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$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \rightarrow \quad A(I))$
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$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
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$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$
$(I(A) \rightarrow \quad A(A) \rightarrow \quad A(I))$

(A(A)→   I(A)   →   A(I)) →   (I(I)   →   I(A)   →   A(A))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   A(I)) →   (I(I)   →   I(A)   →   A(I))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(A)→   I(I)   →   A(I))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(A)→   I(I)   →   I(A))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I) →   A(A) →   I(A))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I) →   A(A) →   I(I))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I) →   I(A)   →   A(A))

                 (I(A) →   A(A) →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I) →   I(A)   →   I(I))

                 (I(A) →   A(A) →   A(I))

$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
$\qquad\qquad\qquad (I(A) \rightarrow \quad A(A) \rightarrow \quad A(I))$

$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$
$\qquad\qquad\qquad (I(A) \rightarrow \quad A(A) \rightarrow \quad A(I))$

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1.4. Chreode = (I(A)　　→　　A(A)　→　　I(I))

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1.6. Chreode = (I(I)   →   A(A) →   I(A))

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                         (I(I)   →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(A) →   I(I)   →   A(A))
                         (I(I)   →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(A) →   I(I)   →   A(I))
                         (I(I)   →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(A)   →   A(I))
                         (I(I)   →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(A)   →   I(A))
                         (I(I)   →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(I)   →   A(A))
                         (I(I)   →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(I)   →   I(A))
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(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A) →   A(A))

              (I(I) →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A) →   A(I))

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(I(A) →   A(A) →   A(I)) →   (I(A) →   A(A) →   I(I))

              (I(I) →   A(A) →   I(A))

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              (I(I) →   A(A) →   I(A))

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              (I(I) →   A(A) →   I(A))

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            (I(I) →   A(A) →   I(A))

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           (I(I)   →   A(A) →   I(A))

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           (I(I)   →   A(A) →   I(A))

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           (I(I)   →   A(A) →   I(A))

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           (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

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          (I(I)   →   A(A) →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I)   →   A(I) →   I(A))

          (I(I)   →   A(A) →   I(A))

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(I(I) → A(A) → I(A))

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(I(I) → A(A) → I(A))

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(I(I) → A(A) → I(A))

(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(I(I) → A(A) → I(A))

2. Mediale Kanäle

2.1. Chreode = (A(A)   →   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

           (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   I(I))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(I)   →   A(A))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(I)   →   I(A))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(A)   →   A(I))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(A)   →   I(I))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(I)   →   A(A))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   I(I)   →   A(A))
                                (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(A)   →   A(I))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(A)   →   I(A))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(I)   →   A(A))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(I)   →   I(A))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   I(A)   →   A(A))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   I(A)   →   A(I))

                    (A(A)→   A(I)   →   I(A))

(A(A)→   A(I)   →   I(I))   →   (A(A)   →   I(A)   →   A(I))

                    (A(A)→   A(I)   →   I(A))

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \qquad \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$

$\qquad \qquad (A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \qquad \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \qquad \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(I) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$

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$\qquad \qquad (A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$

(A(A)→   A(I) →   I(I)) →   (A(I)→   I(I) →   I(A))

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(A(A)→   I(A) →   A(I)) →   (A(I)→   A(A) →   I(A))

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(A(I) →   I(I)   →   A(A))→   (I(I)   →   A(I)   →   A(A))

                 (A(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   A(I)   →   I(A))

                 (A(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   I(A)   →   A(A))

                 (A(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   I(A)   →   A(I))

                 (A(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   A(I))

                 (A(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))

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(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   A(A))

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(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))

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                    (A(A)→   A(I) →   I(I))

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                    (A(A)→   A(I) →   I(I))

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                    (A(A)→   A(I) →   I(I))

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                    (A(A)→   A(I) →   I(I))

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                    (A(A)→   A(I) →   I(I))

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                    (A(A)→   A(I) →   I(I))

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                  (A(A)→   A(I)   →   I(I))

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                  (A(A)→   A(I)   →   I(I))

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                  (A(A)→   A(I)   →   I(I))

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                  (A(A)→   A(I)   →   I(I))

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                (A(A)→   A(I)   →   I(I))

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                (A(A)→   A(I)   →   I(I))

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                (A(A)→   A(I)   →   I(I))

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                (A(A)→   A(I)   →   I(I))

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(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(A(A)→ A(I) → I(I))

2.3. Chreode = (I(A) → A(I) → A(A))

(A(A)→ A(I) → I(A)) → (A(A)→ A(I) → I(I))

(I(A) → A(I) → A(A))

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(A(A)→ A(I) → I(A)) → (A(A)→ I(A) → I(I))

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(I(A) → A(I) → A(A))

(A(A)→ A(I) → I(A)) → (A(I)→ A(A) → I(I))

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(A(A)→ A(I) → I(A)) → (A(I)→ I(A) → A(A))

(I(A) → A(I) → A(A))

$(A(A) \rightarrow A(I) \rightarrow I(A)) \rightarrow (A(I) \rightarrow I(A) \rightarrow I(I))$

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$(A(A) \rightarrow A(I) \rightarrow I(A)) \rightarrow (A(I) \rightarrow I(I) \rightarrow A(A))$

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                     (I(A) →   A(I)   →   A(A))

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                     (I(A) →   A(I)   →   A(A))

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                     (I(A) →   A(I)   →   A(A))

(A(A)→   I(A)   →   A(I))   →   (A(A)   →   I(I)   →   A(I))

                     (I(A) →   A(I)   →   A(A))

(A(A)→   I(A)   →   A(I))   →   (A(A)   →   I(I)   →   I(A))

                     (I(A) →   A(I)   →   A(A))

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(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))

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(A(I) →   I(I)   →   I(A)) →   (I(A)→   I(I)   →   A(A))

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(I(A) →　　A(I)　→　　A(A))→　　(I(A)→　　I(I)　→　　A(A))

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                 (I(A) →   A(I)   →   A(A))

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                 (I(A) →   A(I)   →   A(A))

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                 (I(A) →   A(I)   →   A(A))

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                 (I(A) →   A(I)   →   A(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   I(A))

                 (I(A) →   A(I)   →   A(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A)   →   A(A))

                 (I(A) →   A(I)   →   A(A))

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                 (I(A) →   A(I)   →   A(A))

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

(I(A) →   A(I)   →   A(A))

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   I(A))

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(A))

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(I))

(I(A) →   A(I)   →   A(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

(I(A) →   A(I)   →   A(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   A(A))

(I(A) →   A(I)   →   A(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   I(A))

(I(A) →   A(I)   →   A(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

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(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(I))

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(I(A) → A(I) → A(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → I(A))

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(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(A))

(I(A) → A(I) → A(A))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(I))

(I(A) → A(I) → A(A))

(I(I) → A(I) → A(A))→ (I(I) → A(I) → I(A))

(I(A) → A(I) → A(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(A))

(I(A) → A(I) → A(A))

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(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(I))

(I(A) → A(I) → A(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(A))

(I(A) → A(I) → A(A))

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(I(A) → A(I) → A(A))

(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(I(A) → A(I) → A(A))

2.4. Chreode = (I(A)   →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

         (I(A) →   A(I)   →   I(I))

(A(A)→   A(I) →   I(A)) →   (A(I)→   I(A) →   I(I))

(I(A) →   A(I) →   I(I))

(A(A)→   A(I) →   I(A)) →   (A(I)→   I(I) →   A(A))

(I(A) →   A(I) →   I(I))

(A(A)→   A(I) →   I(A)) →   (A(I)→   I(I) →   I(A))

(I(A) →   A(I) →   I(I))

(A(A)→   A(I) →   I(A)) →   (I(A)→   A(A) →   A(I))

(I(A) →   A(I) →   I(I))

(A(A)→   A(I) →   I(A)) →   (I(A)→   A(A) →   I(I))

(I(A) →   A(I) →   I(I))

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(I(A) →   A(I) →   I(I))

(A(A)→   A(I) →   I(A)) →   (I(A)→   A(I) →   I(I))

(I(A) →   A(I) →   I(I))

(A(A)→   A(I) →   I(A)) →   (I(A)→   I(I) →   A(A))

(I(A) →   A(I) →   I(I))

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$

$\qquad (I(A) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(I))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(I))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I)) \quad \rightarrow \quad (A(A) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(I))$

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$(A(A) \to \quad A(I) \to \quad I(I)) \to \quad (A(A) \qquad \to \quad I(A) \to \quad I(I))$

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$(A(A) \to \quad A(I) \to \quad I(I)) \to \quad (A(A) \qquad \to \quad I(I) \to \quad A(I))$

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$(A(A) \to \quad A(I) \to \quad I(I)) \to \quad (A(A) \qquad \to \quad I(I) \to \quad I(A))$

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$(A(A) \to \quad A(I) \to \quad I(I)) \to \quad (A(I) \to \quad A(A) \to \quad I(A))$

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$(A(A) \to \quad A(I) \to \quad I(I)) \to \quad (A(I) \to \quad A(A) \to \quad I(I))$

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$(A(A) \to$ $A(I) \to$ $I(I)) \to$ $(I(I) \to$ $A(A) \to$ $A(I))$

$(I(A) \to$ $A(I) \to$ $I(I))$

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(A(I) →   I(A) →   I(I)) →   (A(I)→   I(I) →   A(A))

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(A(I) →   I(A) →   I(I)) →   (A(I)→   I(I) →   I(A))

(I(A) →   A(I) →   I(I))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(A) →   A(I))

(I(A) →   A(I) →   I(I))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(A) →   I(I))

(I(A) →   A(I) →   I(I))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(I) →   A(A))

(I(A) →   A(I) →   I(I))

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(A) \to \quad A(I) \to \quad I(I))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(A) \to \quad I(I) \to \quad A(A))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(A) \to \quad I(I) \to \quad A(I))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(A) \to \quad A(I))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(A) \to \quad I(A))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(I) \to \quad A(A))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(I) \to \quad I(A))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad I(A) \to \quad A(A))$

$\qquad\qquad\quad (I(A) \to \quad A(I) \to \quad I(I))$

(A(I) →   I(A)   →   I(I))   →   (I(I) →   I(A)   →   A(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (A(I)→   I(I)   →   I(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(A)   →   A(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(A)   →   I(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(I)   →   A(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(I)   →   I(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I) →   A(A) →   A(I))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I) →   A(A) →   I(A))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I) →   A(I) →   A(A))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I) →   A(I) →   I(A))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(A))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(I))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   A(I))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))
                         (I(A) →   A(I) →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   A(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   I(I)   →   A(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(A)   →   A(I))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(A)   →   I(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(I)   →   A(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   A(I)   →   I(A))

(I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A)   →   A(A))

                                (I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A)   →   A(I))

                                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(A) →   I(I))

                                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(I)   →   A(A))

                                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(I)   →   I(I))

                                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(A)→   I(I)   →   A(A))

                                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(A)→   I(I)   →   A(I))

                                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(I) →   A(A) →   A(I))

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(I(A) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

(I(A) →   A(I) →   I(I))

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(I(A) →   A(I) →   I(I))

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(I(A) →   A(I) →   I(I))

(I(A) →   A(A) →   A(I)) →   (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   I(I))

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(I(A) →   A(A) →   I(I)) →   (I(A)→   A(I) →   I(I))

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(I(A) →   A(A) →   I(I)) →   (I(A)→   I(I) →   A(A))

(I(A) →   A(I) →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(A)→   I(I)   →   A(I))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(A) →   A(I))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(A) →   I(A))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(I)   →   A(A))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   A(I)   →   I(A))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   I(A)   →   A(A))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(A) →   I(I))   →   (I(I) →   I(A)   →   A(I))
                (I(A) →   A(I)   →   I(I))

(I(A) →   A(I)   →   A(A))→   (I(A)→   A(I)   →   I(I))
                (I(A) →   A(I)   →   I(I))

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(I(A) →   A(I) →   A(A))→   (I(A)→   I(I)   →   A(A))

(I(A) →   A(I) →   I(I))

(I(A) →   A(I) →   A(A))→   (I(A)→   I(I)   →   A(I))

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(I(A) →   A(I) →   I(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(A) →   I(A))

(I(A) →   A(I) →   I(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(I) →   A(A))

(I(A) →   A(I) →   I(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(A))

(I(A) →   A(I) →   I(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   I(I))

(I(A) → A(I) → I(I)) → (I(A) → I(I) → A(A))

(I(A) → A(I) → I(I))

(I(A) → A(I) → I(I)) → (I(A) → I(I) → A(I))

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(I(A) → A(I) → I(I)) → (I(I) → A(A) → A(I))

(I(A) → A(I) → I(I))

(I(A) → A(I) → I(I)) → (I(I) → A(A) → I(A))

(I(A) → A(I) → I(I))

(I(A) → A(I) → I(I)) → (I(I) → A(I) → A(A))

(I(A) → A(I) → I(I))

(I(A) → A(I) → I(I)) → (I(I) → A(I) → I(A))

(I(A) → A(I) → I(I))

(I(A) → A(I) → I(I)) → (I(I) → I(A) → A(A))

(I(A) → A(I) → I(I))

(I(A) → A(I) → I(I)) → (I(I) → I(A) → A(I))

(I(A) → A(I) → I(I))

(I(A) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A) →   A(I))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A) →   I(A))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I) →   A(A))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I) →   I(A))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(A))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(I))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   A(I))

(I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

                    (I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   A(A))

                    (I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   I(A))

                    (I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(A))

                    (I(A) →   A(I)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(I))

                    (I(A) →   A(I)   →   I(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                    (I(A) →   A(I)   →   I(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   A(A))

                    (I(A) →   A(I)   →   I(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   I(A))

                    (I(A) →   A(I)   →   I(I))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

(I(A) → A(I) → I(I))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(I))

(I(A) → A(I) → I(I))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → A(A))

(I(A) → A(I) → I(I))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → I(A))

(I(A) → A(I) → I(I))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(A))

(I(A) → A(I) → I(I))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(I))

(I(A) → A(I) → I(I))

(I(I) → A(I) → A(A))→ (I(I) → A(I) → I(A))

(I(A) → A(I) → I(I))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(A))

(I(A) → A(I) → I(I))

(I(I) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   I(I))

(I(I) →   A(I) →   I(A)) →   (I(I) →   I(A) →   A(A))

(I(A) →   A(I) →   I(I))

(I(I) →   A(I) →   I(A)) →   (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   I(I))

(I(I) →   I(A) →   A(A))→   (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   I(I))

2.5. Chreode = (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

(I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

(I(I)   →   A(I)   →   A(A))

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \quad \rightarrow \quad I(I))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

(A(A)→   A(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(A)   →   A(I))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(A)   →   I(A))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(I)   →   A(A))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(I)   →   I(A))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   I(A)   →   A(A))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   I(A)   →   A(I))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(I)) →   (A(A)   →   I(A)   →   A(I))

                    (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(A)   →   I(A)   →   I(I))

                                  (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(A)   →   I(I)   →   A(I))

                                  (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(A)   →   I(I)   →   I(A))

                                  (I(I)   →   A(I)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(I)→   A(A)   →   I(A))

                                  (I(I)   →   A(I)   →   A(A))

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                           (I(I)   →   A(I)   →   A(A))

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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

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$(I(A) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad I(I))$

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(I(A) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))
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(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A) →   A(I))
                (I(I)   →   A(I)   →   A(A))

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                (I(I)   →   A(I)   →   A(A))

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                (I(I)   →   A(I)   →   A(A))

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                (I(I)   →   A(I)   →   A(A))

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                (I(I)   →   A(I)   →   A(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(I))
                (I(I)   →   A(I)   →   A(A))

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   A(A))

                   (I(I)   →   A(I)   →   A(A))

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                   (I(I)   →   A(I)   →   A(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(A))

                   (I(I)   →   A(I)   →   A(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(I))

                   (I(I)   →   A(I)   →   A(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                   (I(I)   →   A(I)   →   A(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   A(A))

                   (I(I)   →   A(I)   →   A(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   I(A))

                   (I(I)   →   A(I)   →   A(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

        (I(I) → A(I) → A(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(I))

        (I(I) → A(I) → A(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → A(A))

        (I(I) → A(I) → A(A))

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        (I(I) → A(I) → A(A))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(A))

        (I(I) → A(I) → A(A))

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        (I(I) → A(I) → A(A))

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        (I(I) → A(I) → A(A))

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(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(A))

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(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(I))

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(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(I(I) → A(I) → A(A))

2.6. Chreode = (I(I) → A(I) → I(A))

(A(A)→ A(I) → I(A)) → (A(A)→ A(I) → I(I))

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(A(A)→ A(I) → I(A)) → (A(A)→ I(A) → I(I))

(I(I) → A(I) → I(A))

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(I(I) → A(I) → I(A))

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(I(I) → A(I) → I(A))

(A(A)→ A(I) → I(A)) → (A(I)→ A(A) → I(A))

(I(I) → A(I) → I(A))

(A(A)→ A(I) → I(A)) → (A(I)→ A(A) → I(I))

(I(I) → A(I) → I(A))

(A(A)→ A(I) → I(A)) → (A(I)→ I(A) → A(A))

(I(I) → A(I) → I(A))

$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (A(I) \to \quad I(A) \quad \to \quad I(I))$$
$$(I(I) \quad \to \quad A(I) \quad \to \quad I(A))$$

$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (A(I) \to \quad I(I) \quad \to \quad A(A))$$
$$(I(I) \quad \to \quad A(I) \quad \to \quad I(A))$$

$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (A(I) \to \quad I(I) \quad \to \quad I(A))$$
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$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (I(A) \to \quad A(A) \quad \to \quad A(I))$$
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$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (I(A) \to \quad A(A) \quad \to \quad I(I))$$
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$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (I(A) \to \quad A(I) \quad \to \quad A(A))$$
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$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (I(A) \to \quad A(I) \quad \to \quad I(I))$$
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$$(A(A) \to \quad A(I) \quad \to \quad I(A)) \to \quad (I(A) \to \quad I(I) \quad \to \quad A(A))$$
$$(I(I) \quad \to \quad A(I) \quad \to \quad I(A))$$

(A(A)→   A(I) →   I(A)) →   (I(A)→   I(I)   →   A(I))

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(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   A(I))

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(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   I(A))

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(A(I) →   I(A) →   A(A))→   (I(A)→   I(I) →   A(I))

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(I(I) →   A(I) →   I(A))

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(I(I) →   A(I) →   I(A))

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(I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   A(A))→   (I(I) →   A(I) →   I(A))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   A(A))→   (I(I) →   I(A) →   A(A))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   A(A))→   (I(I) →   I(A) →   A(I))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (A(I)→   I(I) →   A(A))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (A(I)→   I(I) →   I(A))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(A) →   A(I))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(A) →   I(I))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(I) →   A(A))

                    (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(A)→   A(I) →   I(I))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(A)→   I(I) →   A(A))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(A)→   I(I) →   A(I))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(I) →   A(A) →   A(I))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(I) →   A(A) →   I(A))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(I) →   A(I) →   A(A))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(I) →   A(I) →   I(A))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I)) →   (I(I) →   I(A) →   A(A))

                (I(I) →   A(I) →   I(A))

(A(I) →   I(A)   →   I(I))   →   (I(I) →   I(A)   →   A(I))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (A(I)→   I(I)   →   I(A))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(A)   →   A(I))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(A)   →   I(I))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(I)   →   A(A))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(I)   →   I(I))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(A))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))

                    (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   A(A) →   A(I))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   A(A) →   I(A))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   A(I)   →   A(A))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   A(I)   →   I(A))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   I(A)   →   A(A))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(I)   →   I(A)   →   A(I))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   A(I))

                              (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))

                              (I(I)   →   A(I)   →   I(A))

$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$$
$$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I))$$
$$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$
$$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$$
$$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$$
$$(I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$$
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$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$$
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$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$
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(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A)   →   A(A))

                  (I(I)   →   A(I)   →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A)   →   A(I))

                  (I(I)   →   A(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(A) →   I(I))

                  (I(I)   →   A(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(I)   →   A(A))

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                  (I(I)   →   A(I)   →   I(A))

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(I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(I) →   A(A))

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(I(A) →   A(I) →   A(A))→   (I(I) →   A(I) →   I(A))

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(I(A) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(A))

(I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(I))

(I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(A)→   I(I) →   A(A))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(A)→   I(I) →   A(I))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(A) →   A(I))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(A) →   I(A))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(I) →   A(A))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(I) →   I(A))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(A))

         (I(I) →   A(I) →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))

         (I(I) →   A(I) →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I)   →   A(A)   →   A(I))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I)   →   A(A)   →   I(A))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I)   →   A(I)   →   A(A))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I)   →   A(I)   →   I(A))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I)   →   I(A)   →   A(A))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I)   →   I(A)   →   A(I))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I)   →   A(A)   →   A(I))
                    (I(I)   →   A(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

                               (I(I) →   A(I) →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I) →   A(A))

                               (I(I) →   A(I) →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I) →   I(A))

                               (I(I) →   A(I) →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(A))

                               (I(I) →   A(I) →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(I))

                               (I(I) →   A(I) →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                               (I(I) →   A(I) →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I) →   A(A))

                               (I(I) →   A(I) →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I) →   I(A))

                               (I(I) →   A(I) →   I(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

(I(I) → A(I) → I(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(I))

(I(I) → A(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → A(A))

(I(I) → A(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → I(A))

(I(I) → A(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(A))

(I(I) → A(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(I))

(I(I) → A(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → A(I) → I(A))

(I(I) → A(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(A))

(I(I) → A(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(I))

(I(I) → A(I) → I(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(A))

(I(I) → A(I) → I(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(I))

(I(I) → A(I) → I(A))

(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(I(I) → A(I) → I(A))

3. Objektale Kanäle

3.1. Chreode = (A(A) → I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(A)→ A(I) → I(I))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(A)→ I(A) → A(I))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(A)→ I(A) → I(I))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(A)→ I(I) → A(I))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(A)→ I(I) → I(A))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(I)→ A(A) → I(A))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(I)→ A(A) → I(I))

   (A(A)→ I(A) → A(I))

(A(A)→ A(I) → I(A)) → (A(I)→ I(A) → A(A))

   (A(A)→ I(A) → A(I))

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (A(I)\rightarrow \quad I(A) \quad\rightarrow\quad I(I))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (A(I)\rightarrow \quad I(I) \quad\rightarrow\quad A(A))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (A(I)\rightarrow \quad I(I) \quad\rightarrow\quad I(A))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (I(A)\rightarrow \quad A(A) \quad\rightarrow\quad A(I))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (I(A)\rightarrow \quad A(A) \quad\rightarrow\quad I(I))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (I(A)\rightarrow \quad A(I) \quad\rightarrow\quad A(A))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (I(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(I))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

$(A(A)\rightarrow \quad A(I) \quad\rightarrow\quad I(A))\rightarrow \quad (I(A)\rightarrow \quad I(I) \quad\rightarrow\quad A(A))$

$\qquad\qquad (A(A)\rightarrow \quad I(A) \quad\rightarrow\quad A(I))$

(A(A)→   A(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))

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(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(A(A)→ I(A) → A(I))

3.2. Chreode = (A(A) → I(A) → I(I))

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$$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$$

$$(I(I) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \rightarrow \quad I(A))$$
$$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$$

$$(I(I) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$$
$$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$$

$$(I(I) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$$
$$(A(A) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$$

(I(I) →   A(A) →   A(I)) →   (I(I) →   I(A) →   A(A))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   I(A) →   A(I))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(A) →   I(A)) →   (I(I) →   A(I) →   A(A))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(A) →   I(A)) →   (I(I) →   A(I) →   I(A))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(A) →   I(A)) →   (I(I) →   I(A) →   A(A))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(A) →   I(A)) →   (I(I) →   I(A) →   A(I))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(I) →   A(A))→   (I(I) →   A(I) →   I(A))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(A))

               (A(A)→   I(A) →   I(I))

(I(I) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(I))

(A(A)→   I(A) →   I(I))

(I(I) →   A(I) →   I(A)) →   (I(I) →   I(A) →   A(A))

(A(A)→   I(A) →   I(I))

(I(I) →   A(I) →   I(A)) →   (I(I) →   I(A) →   A(I))

(A(A)→   I(A) →   I(I))

(I(I) →   I(A) →   A(A))→   (I(I) →   I(A) →   A(I))

(A(A)→   I(A) →   I(I))

3.3. Chreode = (A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(A)$\rightarrow$ A(I) $\rightarrow$ I(I))

(A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(A)$\rightarrow$ I(A) $\rightarrow$ A(I))

(A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(A)$\rightarrow$ I(A) $\rightarrow$ I(I))

(A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(A)$\rightarrow$ I(I) $\rightarrow$ A(I))

(A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(A)$\rightarrow$ I(I) $\rightarrow$ I(A))

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(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(I)$\rightarrow$ A(A) $\rightarrow$ I(A))

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(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(I)$\rightarrow$ A(A) $\rightarrow$ I(I))

(A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

(A(A)$\rightarrow$ A(I) $\rightarrow$ I(A)) $\rightarrow$ (A(I)$\rightarrow$ I(A) $\rightarrow$ A(A))

(A(I) $\rightarrow$ I(A) $\rightarrow$ A(A))

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I)\rightarrow \quad I(A) \quad \rightarrow \quad I(I))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I)\rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I)\rightarrow \quad I(I) \quad \rightarrow \quad I(A))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A)\rightarrow \quad A(A) \quad \rightarrow \quad A(I))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A)\rightarrow \quad A(A) \quad \rightarrow \quad I(I))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A)\rightarrow \quad A(I) \quad \rightarrow \quad A(A))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(I))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

$$(A(A)\rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A)\rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$
$$(A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$$

(A(A)→   A(I) →   I(A)) →   (I(A)→   I(I)   →   A(I))

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(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   A(I))

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                            (A(I) →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(A)   →   I(I)   →   I(A))

                            (A(I) →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(I)→   A(A)   →   I(A))

                            (A(I) →   I(A)   →   A(A))

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                            (A(I) →   I(A)   →   A(A))

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                            (A(I) →   I(A)   →   A(A))

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                            (A(I) →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(I))   →   (A(I)→   I(I)   →   A(A))

                            (A(I) →   I(A)   →   A(A))

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                (A(I) →   I(A) →   A(A))

(A(A)→   A(I) →   I(I)) →   (I(I) →   A(I) →   A(A))
                (A(I) →   I(A) →   A(A))

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                (A(I) →   I(A) →   A(A))

(A(A)→   A(I) →   I(I)) →   (I(I) →   I(A) →   A(A))
                (A(I) →   I(A) →   A(A))

(A(A)→   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))
                (A(I) →   I(A) →   A(A))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(A) →   I(I))
                (A(I) →   I(A) →   A(A))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(I) →   A(I))
                (A(I) →   I(A) →   A(A))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(I) →   I(A))
                (A(I) →   I(A) →   A(A))

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(A(I) →   I(A)   →   A(A))

(A(A)→   I(A)   →   A(I)) →   (A(I)→   I(I)   →   A(A))

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(A(I) →   I(A)   →   A(A))

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(A(A)→   I(A)   →   A(I)) →   (I(A)→   A(A)   →   I(I))

(A(I) →   I(A)   →   A(A))

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(A)\rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
$\qquad\qquad\qquad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

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$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(A)\rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
$\qquad\qquad\qquad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(A)\rightarrow \quad I(I) \quad \rightarrow \quad A(I))$
$\qquad\qquad\qquad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$
$\qquad\qquad\qquad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$
$\qquad\qquad\qquad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
$\qquad\qquad\qquad (A(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$
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(A(A)→ I(A) → A(I)) → (I(I) → I(A) → A(A))

(A(I) → I(A) → A(A))

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$(A(A) \to I(A) \to I(I)) \to (A(I) \to I(I) \to A(A))$

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$(A(A) \to I(A) \to I(I)) \to (A(I) \to I(I) \to I(A))$

$(A(I) \to I(A) \to A(A))$

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$(A(A) \to I(A) \to I(I)) \to (I(A) \to A(A) \to I(I))$

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(A(A)→   I(A) →   I(I)) →   (I(I) →   A(A) →   A(I))

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                        (A(I) →   I(A)   →   A(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   A(A))
                        (A(I) →   I(A)   →   A(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   I(A))
                        (A(I) →   I(A)   →   A(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A)   →   A(A))
                        (A(I) →   I(A)   →   A(A))

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3.4. Chreode = (A(I) → I(A) → I(I))

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(I(A) →   A(I) →   I(I)) →   (I(A)→   I(I) →   A(A))

(A(I) →   I(A) →   I(I))

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(I(A) →   A(I) →   I(I)) →   (I(I) →   A(A) →   I(A))

(A(I) →   I(A) →   I(I))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(I) →   A(A))

(A(I) →   I(A) →   I(I))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(I) →   I(A))

(A(I) →   I(A) →   I(I))

(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(A))

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(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))

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                      (A(I) →   I(A)   →   I(I))

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                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A) →   I(A))

                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I) →   A(A))

                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I) →   I(A))

                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(A))

                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A) →   A(I))

                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   A(I))

                      (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

                               (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   A(A))

                               (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   I(A))

                               (A(I) →   I(A)   →   I(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(A))

                               (A(I) →   I(A)   →   I(I))

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                               (A(I) →   I(A)   →   I(I))

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                               (A(I) →   I(A)   →   I(I))

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                               (A(I) →   I(A)   →   I(I))

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                               (A(I) →   I(A)   →   I(I))

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(A(I) → I(A) → I(I))

3.5. Chreode = (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

(I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

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(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

(I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

(I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

(I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

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(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

(I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

(I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   I(I))

            (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(I)   →   A(A))

            (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(I)   →   I(A))

            (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(A)   →   A(I))

            (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(A)   →   I(I))

            (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(I)   →   A(A))

            (I(I)   →   I(A)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))

            (I(I)   →   I(A)   →   A(A))

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            (I(I)   →   I(A)   →   A(A))

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(A(A)→ A(I) → I(I)) → (A(A) → I(A) → A(I))

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(A(A)→   A(I) →   I(I)) →   (A(A)   →   I(A) →   I(I))

(I(I) →   I(A) →   A(A))

(A(A)→   A(I) →   I(I)) →   (A(A)   →   I(I) →   A(I))

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       (I(I) →   I(A) →   A(A))

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       (I(I) →   I(A) →   A(A))

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       (I(I) →   I(A) →   A(A))

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       (I(I) →   I(A) →   A(A))

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       (I(I) →   I(A) →   A(A))

(A(A)→   A(I) →   I(I)) →   (I(I) →   A(A) →   A(I))

       (I(I) →   I(A) →   A(A))

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(I(I) →   I(A) →   A(A))

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$(A(A) \rightarrow \quad I(A) \rightarrow \quad A(I)) \rightarrow \quad (A(I) \rightarrow \quad A(A) \rightarrow \quad I(A))$

$\qquad\qquad\qquad (I(I) \rightarrow \quad I(A) \rightarrow \quad A(A))$

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$(A(A) \rightarrow \quad I(A) \rightarrow \quad A(I)) \rightarrow \quad (A(I) \rightarrow \quad I(A) \rightarrow \quad A(A))$

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$(A(A) \rightarrow \quad I(A) \rightarrow \quad A(I)) \rightarrow \quad (A(I) \rightarrow \quad I(A) \rightarrow \quad I(I))$

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$(A(A) \rightarrow \quad I(A) \rightarrow \quad A(I)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$

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$(A(A) \rightarrow \quad I(A) \rightarrow \quad A(I)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad A(I))$

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$(A(A) \rightarrow \quad I(A) \rightarrow \quad A(I)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad I(I))$

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(A(A)→   I(A) →   A(I)) →   (I(A)→   A(I) →   A(A))

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(A(A)→   I(A) →   A(I)) →   (I(A)→   I(I) →   A(A))

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(A(A)→   I(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

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(A(A)→   I(A) →   A(I)) →   (I(I) →   A(I) →   A(A))

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                  (I(I) →   I(A) →   A(A))

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                  (I(I) →   I(A) →   A(A))

(A(A)→   I(A)   →   I(I))   →   (A(I)→   I(I)   →   A(A))

                                     (I(I)   →   I(A)   →   A(A))

(A(A)→   I(A)   →   I(I))   →   (A(I)→   I(I)   →   I(A))

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(A(A)→   I(A)   →   I(I))   →   (I(A)→   A(A)   →   A(I))

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(A(A)→   I(A)   →   I(I))   →   (I(A)→   A(A)   →   I(I))

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(A(A)→   I(A)   →   I(I))   →   (I(A)→   A(I)   →   A(A))

                                     (I(I)   →   I(A)   →   A(A))

(A(A)→   I(A)   →   I(I))   →   (I(A)→   A(I)   →   I(I))

                                     (I(I)   →   I(A)   →   A(A))

(A(A)→   I(A)   →   I(I))   →   (I(A)→   I(I)   →   A(A))

                                     (I(I)   →   I(A)   →   A(A))

(A(A)→   I(A)   →   I(I))   →   (I(A)→   I(I)   →   A(I))

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(A(A)→   I(A)   →   I(I))   →   (I(I) →   A(I) →   A(A))

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(A(A)→   I(A)   →   I(I))   →   (I(I) →   I(A) →   A(A))

(I(I) →   I(A) →   A(A))

(A(A)→   I(A)   →   I(I))   →   (I(I) →   I(A) →   A(I))

(I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   A(I))   →   (A(A)   →   I(I) →   I(A))

(I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   A(I))   →   (A(I)→   A(A) →   I(A))

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(A(A)→ I(I) → A(I)) → (A(I)→ A(A) → I(I))
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(A(A)→ I(I) → A(I)) → (A(I)→ I(I) → A(A))
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(A(A)→ I(I) → A(I)) → (I(A)→ A(I) → A(A))
          (I(I) → I(A) → A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(A)→ 	A(I) 	→ 	I(I))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(A)→ 	I(I) 	→ 	A(A))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(A)→ 	I(I) 	→ 	A(I))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(I) 	→ 	A(A) 	→ 	A(I))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(I) 	→ 	A(A) 	→ 	I(A))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(I) 	→ 	A(I) 	→ 	A(A))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(I) 	→ 	A(I) 	→ 	I(A))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→ 	I(I) 	→ 	A(I)) → 	(I(I) 	→ 	I(A) 	→ 	A(A))

(I(I) 	→ 	I(A) 	→ 	A(A))

(A(A)→   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(I))

                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (A(I)→   A(A) →   I(A))

                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (A(I)→   A(A) →   I(I))

                (I(I) →   I(A) →   A(A))

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                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (A(I)→   I(A) →   I(I))

                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (A(I)→   I(I) →   A(A))

                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (A(I)→   I(I) →   I(A))

                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (I(A)→   A(A) →   A(I))

                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))
                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (I(A)→   A(I) →   A(A))
                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (I(A)→   A(I) →   I(I))
                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (I(A)→   I(I) →   A(A))
                (I(I) →   I(A) →   A(A))

(A(A)→   I(I)   →   I(A)) →   (I(A)→   I(I) →   A(I))
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(A(A)→   I(I)   →   I(A)) →   (I(I) →   A(I) →   A(A))
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(A(I) →   A(A) →   I(A)) →   (A(I)→   I(I) →   I(A))

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$(A(I) \rightarrow \quad A(A) \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad A(I))$
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(A(I) →   A(A) →   I(A)) →   (I(I) →   A(I) →   A(A))

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                (I(I) →   I(A) →   A(A))

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                (I(I) →   I(A) →   A(A))

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                (I(I) →   I(A) →   A(A))

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                (I(I) →   I(A) →   A(A))

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(A(I) →   A(A) →   I(I)) →   (I(I) →   A(I) →   A(A))

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                    (I(I)   →   I(A)   →   A(A))

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                    (I(I)   →   I(A)   →   A(A))

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                    (I(I)   →   I(A)   →   A(A))

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                    (I(I)   →   I(A)   →   A(A))

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                                    (I(I) →   I(A) →   A(A))

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                                    (I(I) →   I(A) →   A(A))

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                                    (I(I) →   I(A) →   A(A))

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                                    (I(I) →   I(A) →   A(A))

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                                    (I(I) →   I(A) →   A(A))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   A(I))

                                    (I(I) →   I(A) →   A(A))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))

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$$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$$
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                    (I(I)   →   I(A)   →   A(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(A) →   I(I))

                    (I(I)   →   I(A)   →   A(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(I) →   A(A))

                    (I(I)   →   I(A)   →   A(A))

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                    (I(I) →   I(A) →   A(A))

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$(I(A) \rightarrow \quad A(A) \rightarrow \quad I(I)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$
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$(I(A) \rightarrow \quad A(A) \rightarrow \quad I(I)) \rightarrow \quad (I(I) \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$
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3.6. Chreode = (I(I) → I(A) → A(I))

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(I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(A)→   I(I) →   A(A))

(I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(A)→   I(I)   →   A(I))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(A) →   A(I))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(A) →   I(A))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(I) →   A(A))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(I) →   I(A))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   I(A) →   A(A))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   I(A) →   A(I))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(A)→   A(I) →   I(I))

                    (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(A)→   I(I)   →   A(A))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(A)→   I(I)   →   A(I))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(A) →   A(I))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(A) →   I(A))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(I) →   A(A))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   A(I) →   I(A))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(A))

  (I(I) →   I(A) →   A(I))

(I(A) →   A(I) →   A(A))→   (I(I) →   I(A) →   A(I))

  (I(I) →   I(A) →   A(I))

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(I(I) → I(A) → A(I))

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(I(I) → I(A) → A(I))

(I(A) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A)   →   A(I))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A)   →   I(A))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   A(A))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   I(A))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A)   →   A(A))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A)   →   A(I))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A)   →   A(I))

                   (I(I)   →   I(A)   →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

                              (I(I) →   I(A) →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I) →   A(A))

                              (I(I) →   I(A) →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I) →   I(A))

                              (I(I) →   I(A) →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(A))

                              (I(I) →   I(A) →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(I))

                              (I(I) →   I(A) →   A(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                              (I(I) →   I(A) →   A(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I) →   A(A))

                              (I(I) →   I(A) →   A(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I) →   I(A))

                              (I(I) →   I(A) →   A(I))

$$(I(I) \rightarrow A(A) \rightarrow A(I)) \rightarrow (I(I) \rightarrow I(A) \rightarrow A(A))$$

$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow A(A) \rightarrow A(I)) \rightarrow (I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow A(A) \rightarrow I(A)) \rightarrow (I(I) \rightarrow A(I) \rightarrow A(A))$$

$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow A(A) \rightarrow I(A)) \rightarrow (I(I) \rightarrow A(I) \rightarrow I(A))$$

$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow A(A) \rightarrow I(A)) \rightarrow (I(I) \rightarrow I(A) \rightarrow A(A))$$

$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow A(A) \rightarrow I(A)) \rightarrow (I(I) \rightarrow I(A) \rightarrow A(I))$$

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$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

$$(I(I) \rightarrow A(I) \rightarrow A(A)) \rightarrow (I(I) \rightarrow I(A) \rightarrow A(A))$$

$$(I(I) \rightarrow I(A) \rightarrow A(I))$$

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(I))

(I(I) → I(A) → A(I))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(A))

(I(I) → I(A) → A(I))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(I))

(I(I) → I(A) → A(I))

(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(I(I) → I(A) → A(I))

4. Interpretative Kanäle

4.1. Chreode = (A(A)   →   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   I(I))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(I)   →   A(A))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(I)   →   I(A))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(A)   →   A(I))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(A)   →   I(I))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(I)   →   A(A))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   I(I)   →   A(A))
              (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(A)   →   A(I))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(A)   →   I(A))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(I)   →   A(A))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   A(I)   →   I(A))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   I(A)   →   A(A))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(A)) →   (I(I)   →   I(A)   →   A(I))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I)   →   I(I)) →   (A(A)   →   I(A)   →   A(I))
                (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) → I(I)) → (A(A)   → I(A) → I(I))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(A)   → I(I) → A(I))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(A)   → I(I) → I(A))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(I)→   A(A) → I(A))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(I)→   A(A) → I(I))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(I)→   I(A) → A(A))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(I)→   I(A) → I(I))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) → I(I)) → (A(I)→   I(I) → A(A))
                   (A(A)→   I(I) → A(I))

(A(A)→   A(I) →   I(I)) →   (A(I)→   I(I)   →   I(A))

                  (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(A)→   A(A)   →   A(I))

                  (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(A)→   A(A)   →   I(I))

                  (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(A)→   A(I)   →   A(A))

                  (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(A)→   A(I)   →   I(I))

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(A(A)→   A(I) →   I(I)) →   (I(A)→   I(I)   →   A(A))

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(A(A)→   A(I) →   I(I)) →   (I(A)→   I(I)   →   A(I))

                  (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(I)→   A(A)   →   A(I))

                  (A(A)→   I(I)   →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(I) →   A(A) →   I(A))

                   (A(A)→   I(I) →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(I) →   A(I) →   A(A))

                   (A(A)→   I(I) →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(I) →   A(I) →   I(A))

                   (A(A)→   I(I) →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(I) →   I(A) →   A(A))

                   (A(A)→   I(I) →   A(I))

(A(A)→   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))

                   (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(A) →   I(I))

                   (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(I) →   A(I))

                   (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(I) →   I(A))

                   (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(I)→   A(A) →   I(A))

(A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(I)→   A(A) →   I(I))

(A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(I)→   I(A) →   A(A))

(A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(I)→   I(A) →   I(I))

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(A(A)→   I(A) →   A(I)) →   (A(I)→   I(I) →   A(A))

(A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (A(I)→   I(I) →   I(A))

(A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(A)→   A(A) →   A(I))

(A(A)→   I(I) →   A(I))

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(A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(A)→   A(I) →   A(A))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(A)→   A(I) →   I(I))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(A)→   I(I) →   A(A))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(A)→   I(I) →   A(I))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(I) →   A(A) →   A(I))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(I) →   A(I) →   A(A))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   A(I)) →   (I(I) →   A(I) →   I(A))

                  (A(A)→   I(I) →   A(I))

(A(A)→   I(A)   →   A(I)) →   (I(I) →   I(A)   →   A(A))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   A(I)) →   (I(I) →   I(A)   →   A(I))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(A)   →   I(I)   →   A(I))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(A)   →   I(I)   →   I(A))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I)→   A(A)   →   I(A))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I)→   A(A)   →   I(I))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I)→   I(A)   →   A(A))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A)   →   I(I)) →   (A(I)→   I(A)   →   I(I))

(A(A)→   I(I)   →   A(I))

(A(A)→   I(A) →   I(I)) →   (A(I)→   I(I) →   A(A))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (A(I)→   I(I) →   I(A))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(A)→   A(A) →   A(I))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(A)→   A(A) →   I(I))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(A)→   A(I) →   A(A))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(A)→   A(I) →   I(I))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(A)→   I(I) →   A(A))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(A)→   I(I) →   A(I))
                    (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(I) →   A(A) →   A(I))

          (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(I) →   A(A) →   I(A))

          (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(I) →   A(I) →   A(A))

          (A(A)→   I(I) →   A(I))

(A(A)→   I(A) →   I(I)) →   (I(I) →   A(I) →   I(A))

          (A(A)→   I(I) →   A(I))

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(I(A) →   A(A) →   I(I)) →   (I(A)→   A(I)   →   I(I))
                     (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(A)→   I(I)   →   A(A))
                     (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(A)→   I(I)   →   A(I))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(A) →   A(I))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(A) →   I(A))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(I) →   A(A))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(I) →   I(A))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   I(A) →   A(A))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(A) →   I(I)) →   (I(I) →   I(A) →   A(I))
                    (A(A)→   I(I)   →   A(I))

(I(A) →   A(I) →   A(A))→   (I(A)→   A(I) →   I(I))
                    (A(A)→   I(I)   →   A(I))

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$(I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$

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$(I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$

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$(I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

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$(I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \rightarrow \quad I(A) \quad \rightarrow \quad A(I))$

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                       (A(A)→   I(I)   →   A(I))

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                       (A(A)→   I(I)   →   A(I))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(A) →   A(I))

                       (A(A)→   I(I)   →   A(I))

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                       (A(A)→   I(I)   →   A(I))

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                       (A(A)→   I(I)   →   A(I))

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                       (A(A)→   I(I)   →   A(I))

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                       (A(A)→   I(I)   →   A(I))

(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))

                       (A(A)→   I(I)   →   A(I))

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$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

                          (A(A)→   I(I)   →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I) →   A(A))

                          (A(A)→   I(I)   →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I) →   I(A))

                          (A(A)→   I(I)   →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(A))

                          (A(A)→   I(I)   →   A(I))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A) →   A(I))

                          (A(A)→   I(I)   →   A(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                          (A(A)→   I(I)   →   A(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I) →   A(A))

                          (A(A)→   I(I)   →   A(I))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I) →   I(A))

                          (A(A)→   I(I)   →   A(I))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

                  (A(A)→ I(I) → A(I))

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                  (A(A)→ I(I) → A(I))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → A(A))

                  (A(A)→ I(I) → A(I))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → I(A))

                  (A(A)→ I(I) → A(I))

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                  (A(A)→ I(I) → A(I))

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                  (A(A)→ I(I) → A(I))

(I(I) → A(I) → A(A))→ (I(I) → A(I) → I(A))

                  (A(A)→ I(I) → A(I))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(A))

                  (A(A)→ I(I) → A(I))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(I))

(A(A)→ I(I) → A(I))

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(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(A(A)→ I(I) → A(I))

4.2. Chreode = (A(A)   →   I(I)   →   I(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

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(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

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(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

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(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

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(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

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(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

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(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

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(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

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$$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$$
$$(A(A) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$$

$$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$
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$$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$$
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(A(A)→   A(I) →   I(A)) →   (I(A)→   I(I)   →   A(I))
                    (A(A)→   I(I)   →   I(A))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   A(I))
                    (A(A)→   I(I)   →   I(A))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(A) →   I(A))
                    (A(A)→   I(I)   →   I(A))

(A(A)→   A(I) →   I(A)) →   (I(I) →   A(I) →   A(A))
                    (A(A)→   I(I)   →   I(A))

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                    (A(A)→   I(I) →   I(A))

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                    (A(A)→   I(I) →   I(A))

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(A(A)→   A(I) →   I(I)) →   (A(I)→   A(A) →   I(A))
                    (A(A)→   I(I) →   I(A))

(A(A)→   A(I) →   I(I)) →   (A(I)→   A(A) →   I(I))
                    (A(A)→   I(I) →   I(A))

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                    (A(A)→   I(I) →   I(A))

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                    (A(A)→   I(I) →   I(A))

(A(A)→   A(I) →   I(I)) →   (A(I)→   I(I) →   A(A))
                    (A(A)→   I(I) →   I(A))

(A(A)→ A(I) → I(I)) → (A(I)→ I(I) → I(A))

(A(A)→ I(I) → I(A))

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(A(A)→ I(I) → I(A))

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          (A(A)→   I(I) →   I(A))

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          (A(A)→   I(I) →   I(A))

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          (A(A)→   I(I) →   I(A))

(A(A)→   A(I) →   I(I)) →   (I(I) →   I(A) →   A(A))

          (A(A)→   I(I) →   I(A))

(A(A)→   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))

          (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(A) →   I(I))

          (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(I) →   A(I))

          (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   A(I)) →   (A(A)   →   I(I) →   I(A))

          (A(A)→   I(I) →   I(A))

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (A(I)\rightarrow \quad A(A) \quad \rightarrow \quad I(A))$
$(A(A)\rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (A(I)\rightarrow \quad A(A) \quad \rightarrow \quad I(I))$
$(A(A)\rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (A(I)\rightarrow \quad I(A) \quad \rightarrow \quad A(A))$
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$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (A(I)\rightarrow \quad I(A) \quad \rightarrow \quad I(I))$
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$(A(A)\rightarrow \quad I(A) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(A)\rightarrow \quad A(A) \quad \rightarrow \quad I(I))$
$(A(A)\rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$$(A(A) \to \quad I(A) \quad \to \quad A(I)) \to \quad (I(A) \to \quad A(I) \quad \to \quad A(A))$$
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$$(A(A) \to \quad I(A) \quad \to \quad A(I)) \to \quad (I(A) \to \quad A(I) \quad \to \quad I(I))$$
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$$(A(A) \to \quad I(A) \quad \to \quad A(I)) \to \quad (I(A) \to \quad I(I) \quad \to \quad A(A))$$
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$$(A(A) \to \quad I(A) \quad \to \quad A(I)) \to \quad (I(A) \to \quad I(I) \quad \to \quad A(I))$$
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$$(A(A) \to \quad I(A) \quad \to \quad A(I)) \to \quad (I(I) \to \quad A(I) \quad \to \quad A(A))$$
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$$(A(A) \to \quad I(A) \quad \to \quad A(I)) \to \quad (I(I) \to \quad A(I) \quad \to \quad I(A))$$
$$(A(A) \to \quad I(I) \quad \to \quad I(A))$$

(A(A)→   I(A) →   A(I)) →   (I(I) →   I(A) →   A(A))

               (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   A(I)) →   (I(I) →   I(A) →   A(I))

               (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   I(I)) →   (A(A)   →   I(I) →   A(I))

               (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   I(I)) →   (A(A)   →   I(I) →   I(A))

               (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   I(I)) →   (A(I)→   A(A) →   I(A))

               (A(A)→   I(I) →   I(A))

(A(A)→   I(A) →   I(I)) →   (A(I)→   A(A) →   I(I))

               (A(A)→   I(I) →   I(A))

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(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))

(A(A)→   I(I)   →   I(A))

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
$(A(A) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I))$
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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I))$
$(A(A) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$
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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \quad \rightarrow \quad I(A))$
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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$
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(A(I) →   I(I)   →   I(A)) →   (I(I) →   I(A)   →   A(A))

(A(A)→   I(I)   →   I(A))

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$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$

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(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A) →   I(A))

                    (A(A)→   I(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   A(A))

                    (A(A)→   I(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(I)   →   I(A))

                    (A(A)→   I(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(A))

                    (A(A)→   I(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   I(A)   →   A(I))

                    (A(A)→   I(I)   →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

                    (A(A)→   I(I)   →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   A(A))

                    (A(A)→   I(I)   →   I(A))

(I(I) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   I(A))

                    (A(A)→   I(I)   →   I(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

(A(A)→ I(I) → I(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(I))

(A(A)→ I(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → A(A))

(A(A)→ I(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → I(A))

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(A(A)→ I(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → A(I) → I(A))

(A(A)→ I(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(A))

(A(A)→ I(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(I))

(A(A)→ I(I) → I(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(A))

(A(A)→ I(I) → I(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(I))

(A(A)→ I(I) → I(A))

(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(A(A)→ I(I) → I(A))

4.3. Chreode = (A(I)   →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))
                (A(I) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))
                (A(I) →   I(I)   →   A(A))

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$

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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$

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(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A)   →   A(I))
                      (A(I) →   I(I)   →   A(A))

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                      (A(I) →   I(I)   →   A(A))

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                      (A(I) →   I(I)   →   A(A))

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                      (A(I) →   I(I)   →   A(A))

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                      (A(I) →   I(I)   →   A(A))

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4.4. Chreode = (A(I) → I(I) → I(A))

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               (A(I) →   I(I)   →   I(A))

(A(I) →   I(A) →   A(A))→   (A(I)→   I(I) →   I(A))

               (A(I) →   I(I)   →   I(A))

(A(I) →   I(A) →   A(A))→   (I(A)→   A(A) →   A(I))

               (A(I) →   I(I)   →   I(A))

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad I(I))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \rightarrow \quad A(A))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \rightarrow \quad I(I))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \rightarrow \quad A(A))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \rightarrow \quad A(I))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \rightarrow \quad A(I))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \rightarrow \quad I(A))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

$$(A(I) \rightarrow \quad I(A) \rightarrow \quad A(A)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \rightarrow \quad A(A))$$
$$(A(I) \rightarrow \quad I(I) \rightarrow \quad I(A))$$

(A(I) →   I(A)   →   A(A))→   (I(I) →   A(I)   →   I(A))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   A(A))→   (I(I) →   I(A)   →   A(A))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   A(A))→   (I(I) →   I(A)   →   A(I))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   I(I))   →   (A(I)→   I(I)   →   A(A))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   I(I))   →   (A(I)→   I(I)   →   I(A))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   I(I))   →   (I(A)→   A(A)   →   A(I))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   I(I))   →   (I(A)→   A(A)   →   I(I))

              (A(I) →   I(I)   →   I(A))

(A(I) →   I(A)   →   I(I))   →   (I(A)→   A(I)   →   A(A))

              (A(I) →   I(I)   →   I(A))

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(A) \to \quad A(I) \to \quad I(I))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(A) \to \quad I(I) \to \quad A(A))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(A) \to \quad I(I) \to \quad A(I))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(A) \to \quad A(I))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(A) \to \quad I(A))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(I) \to \quad A(A))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad A(I) \to \quad I(A))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

$$(A(I) \to \quad I(A) \to \quad I(I)) \to \quad (I(I) \to \quad I(A) \to \quad A(A))$$
$$(A(I) \to \quad I(I) \to \quad I(A))$$

(A(I) →   I(A)   →   I(I))   →   (I(I) →   I(A)   →   A(I))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (A(I)→   I(I)   →   I(A))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(A)   →   A(I))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(A)   →   I(I))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))

(A(I) →   I(I)   →   I(A))

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \rightarrow \quad A(I))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(A) \rightarrow \quad I(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$

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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A)) \rightarrow \quad (I(I) \quad \rightarrow \quad I(A) \quad \rightarrow \quad A(I))$

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$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad A(I))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \rightarrow \quad I(I))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   A(I)   →   I(I))

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(A(I) →   I(I)   →   I(A)) →   (I(A)→   I(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))

(A(I) →   I(I)   →   I(A))

(A(I) →   I(I)   →   I(A)) →   (I(I)   →   A(A)   →   A(I))

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(A(I) →   I(I)   →   I(A))

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(I(A) →   A(A) →   A(I)) →   (I(A)→   A(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   I(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(A)→   I(I)   →   A(I))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(I) →   A(A) →   A(I))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(I) →   A(A) →   I(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(I) →   A(I)   →   I(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(I) →   I(A)   →   A(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   A(I)) →   (I(I) →   I(A)   →   A(I))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(A) →   A(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(A) →   A(I)   →   I(I))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(A) →   I(I)   →   A(A))

(A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(A)→   I(I)   →   A(I))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(A) →   A(I))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(A) →   I(A))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(I)   →   A(A))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(I) →   A(I)   →   I(A))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(I) →   I(A)   →   A(A))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(A) →   I(I)) →   (I(I) →   I(A)   →   A(I))
     (A(I) →   I(I)   →   I(A))

(I(A) →   A(I)   →   A(A))→   (I(A)→   A(I)   →   I(I))
     (A(I) →   I(I)   →   I(A))

(I(A) → A(I) → A(A))→ (I(A)→ I(I) → A(A))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(A)→ I(I) → A(I))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(I) → A(A) → A(I))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(I) → A(A) → I(A))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(I) → A(I) → A(A))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(I) → A(I) → I(A))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(I) → I(A) → A(A))
           (A(I) → I(I) → I(A))

(I(A) → A(I) → A(A))→ (I(I) → I(A) → A(I))
           (A(I) → I(I) → I(A))

(I(A) →   A(I) →   I(I)) →   (I(A)→   I(I)   →   A(A))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(A)→   I(I)   →   A(I))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(A) →   A(I))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(A) →   I(A))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(I) →   A(A))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   A(I) →   I(A))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(A))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   A(I) →   I(I)) →   (I(I) →   I(A) →   A(I))

                    (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(A)→   I(I)   →   A(I))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A)   →   A(I))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(A)   →   I(A))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   A(A))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   A(I)   →   I(A))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A)   →   A(A))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(A))→   (I(I) →   I(A)   →   A(I))
                 (A(I) →   I(I)   →   I(A))

(I(A) →   I(I)   →   A(I)) →   (I(I) →   A(A)   →   A(I))
                 (A(I) →   I(I)   →   I(A))

$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \rightarrow \quad I(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad I(A) \quad \rightarrow \quad A(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad I(A) \quad \rightarrow \quad A(I))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(I) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(A) \rightarrow \quad I(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(I) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

$(I(I) \rightarrow \quad A(A) \rightarrow \quad A(I)) \rightarrow \quad (I(I) \rightarrow \quad A(I) \quad \rightarrow \quad I(A))$

$\qquad\qquad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(A))

(A(I) → I(I) → I(A))

(I(I) → A(A) → A(I)) → (I(I) → I(A) → A(I))

(A(I) → I(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → A(A))

(A(I) → I(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → A(I) → I(A))

(A(I) → I(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(A))

(A(I) → I(I) → I(A))

(I(I) → A(A) → I(A)) → (I(I) → I(A) → A(I))

(A(I) → I(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → A(I) → I(A))

(A(I) → I(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(A))

(A(I) → I(I) → I(A))

(I(I) → A(I) → A(A))→ (I(I) → I(A) → A(I))

(A(I) → I(I) → I(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(A))

(A(I) → I(I) → I(A))

(I(I) → A(I) → I(A)) → (I(I) → I(A) → A(I))

(A(I) → I(I) → I(A))

(I(I) → I(A) → A(A))→ (I(I) → I(A) → A(I))

(A(I) → I(I) → I(A))

4.5. Chreode = (I(A)   →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   A(I)   →   I(I))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   A(I))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(A)   →   I(I))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   A(I))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(A)→   I(I)   →   I(A))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(A))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   A(A)   →   I(I))

                 (I(A) →   I(I)   →   A(A))

(A(A)→   A(I)   →   I(A)) →   (A(I)→   I(A)   →   A(A))

                 (I(A) →   I(I)   →   A(A))

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(A) \quad \rightarrow \quad I(I))$
$$(I(A) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
$$(I(A) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (A(I) \rightarrow \quad I(I) \quad \rightarrow \quad I(A))$
$$(I(A) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \quad \rightarrow \quad A(I))$
$$(I(A) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(A) \quad \rightarrow \quad I(I))$
$$(I(A) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad A(A))$
$$(I(A) \quad \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$$

$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(I))$
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$(A(A) \rightarrow \quad A(I) \quad \rightarrow \quad I(A)) \rightarrow \quad (I(A) \rightarrow \quad I(I) \quad \rightarrow \quad A(A))$
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            (I(A) →   I(I) →   A(A))

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(A(A)→   I(I)   →   A(I)) →   (A(I)→   A(A)   →   I(I))
                                    (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (A(I)→   I(A)   →   A(A))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (A(I)→   I(A)   →   I(I))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (A(I)→   I(I)   →   A(A))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (A(I)→   I(I)   →   I(A))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (I(A)→   A(A)   →   A(I))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (I(A)→   A(A)   →   I(I))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (I(A)→   A(I)   →   A(A))
                                      (I(A)   →   I(I)   →   A(A))

(A(A)→   I(I)   →   A(I)) →   (I(A)→   A(I)   →   I(I))

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(A(A)→	I(I)	→	I(A)) →	(A(I)→	A(A) →	I(A))

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(A(A)→	I(I)	→	I(A)) →	(A(I)→	A(A) →	I(I))

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(A(A)→	I(I)	→	I(A)) →	(A(I)→	I(A) →	I(I))

(I(A) →	I(I)	→	A(A))

(A(A)→	I(I)	→	I(A)) →	(A(I)→	I(I)	→	A(A))

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(A(A)→	I(I)	→	I(A)) →	(A(I)→	I(I)	→	I(A))

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(A(A)→   I(I)   →   I(A)) →   (I(A)→   A(A) →   I(I))

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(A(A)→   I(I)   →   I(A)) →   (I(A)→   I(I)   →   A(I))

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(A(A)→   I(I)   →   I(A)) →   (I(I) →   A(I) →   I(A))

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(A(A)→   I(I)   →   I(A)) →   (I(I) →   I(A) →   A(I))

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(A(I) →   A(A) →   I(A)) →   (A(I)→   I(I) →   A(A))

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$$(A(I) \to \quad A(A) \to \quad I(A)) \to \quad (I(A) \to \quad A(A) \to \quad A(I))$$
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4.6. Chreode = (I(A) → I(I) → A(I))

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