

Prof. Dr. Alfred Toth

Randtheoretische Diagramme zu Kategorienrealität

1. Wir gehen aus von der allgemeinen Form eines ternären semiotischen Dualsystems

$$3.x \quad 2.y \quad 1.z \quad \times \quad z.1 \quad y.2 \quad x.3$$

und bestimmen das situationale semiotische Dualsystem (vgl. Toth 2026a)

$$3.2 \quad \underline{x.y} \quad | \quad \underline{2.1} \quad y.z \quad \times \quad z.y \quad \underline{1.2} \quad | \quad \underline{y.x} \quad 2.3$$

$$U^{lo} \quad \quad \quad Sys \quad \quad \quad U^{ro} \quad \times \quad U^{lo} \quad \quad \quad Sys \quad \quad \quad U^{ro}$$

Die Kategorie Sys ist weiter differenzierbar in Sys^{lo} und Sys^{ro} .

Dann kann man folgende Trajektionsmatrix bilden:

	U^{lo}	U^{ro}	Sys^{lo}	Sys^{ro}
U^{lo}	—	$U^{lo}U^{ro}$	$U^{lo}Sys^{lo}$	$U^{lo}Sys^{ro}$
U^{ro}	$U^{ro}U^{lo}$	—	$U^{ro}Sys^{lo}$	$U^{ro}Sys^{ro}$
Sys^{lo}	$Sys^{lo}U^{lo}$	$Sys^{lo}U^{ro}$	—	$Sys^{lo}Sys^{ro}$
Sys^{ro}	$Sys^{ro}U^{lo}$	$Sys^{ro}U^{ro}$	$Sys^{ro}Sys^{lo}$	—

2. Im folgenden untersuchen wir das sog. kategorienreale Dualsystem (vgl. Bense 1992)

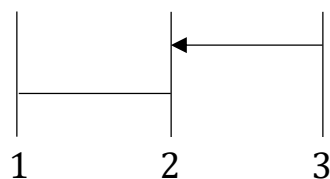
$$DS: Zkl = (3.3, 2.2, 1.1) \times RTh = (1.1, 2.2, 3.3),$$

$$\text{d.h. } x = 3, y = 2, z = 1$$

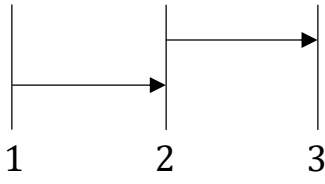
und stellen die 2 mal 24 Kombinationen (vgl. Toth 2026b) in der Form von randtheoretischen Diagrammen (vgl. Toth 2026c) dar.

Zeichenthematik

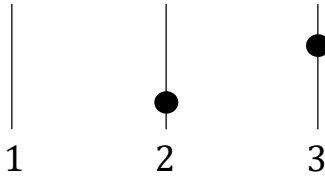
$$T(U^{lo}U^{ro}) = (3.2 \mid 2.1)$$



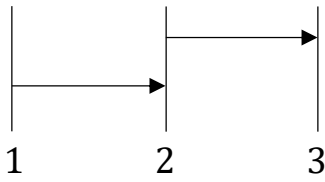
$$T(U^{\text{ro}}U^{\text{lo}}) = (2.3 \mid 1.2)$$



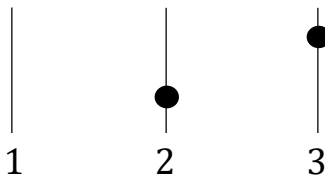
$$T(\text{Sys}^{\text{lo}}U^{\text{lo}}) = (3.3 \mid 2.2)$$



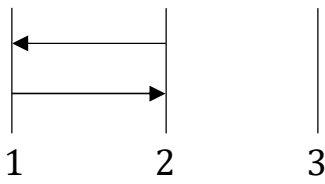
$$T(\text{Sys}^{\text{ro}}U^{\text{lo}}) = (2.3 \mid 1.2)$$



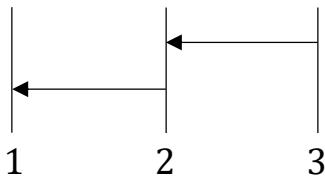
$$T(U^{\text{lo}}\text{Sys}^{\text{lo}}) = (3.3 \mid 2.2)$$



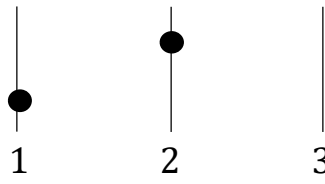
$$T(U^{\text{ro}}\text{Sys}^{\text{lo}}) = (2.1 \mid 1.2)$$



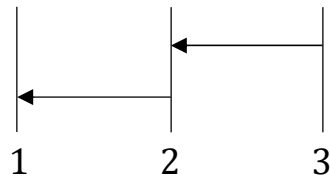
$$T(\text{Sys}^{\text{lo}}U^{\text{ro}}) = (3.2 \mid 2.1)$$



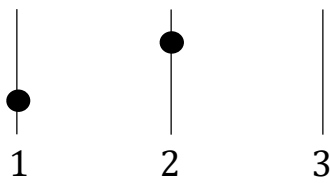
$$T(\text{Sys}^{\text{ro}}\text{U}^{\text{ro}}) = (2.2 \mid 1.1)$$



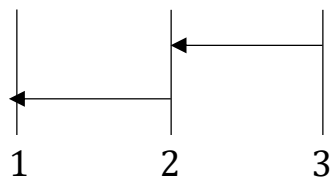
$$T(\text{U}^{\text{lo}}\text{Sys}^{\text{ro}}) = (3.2 \mid 2.1)$$



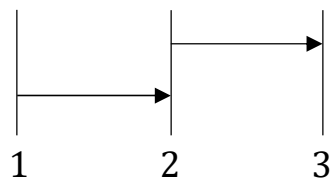
$$T(\text{U}^{\text{ro}}\text{Sys}^{\text{ro}}) = (2.2 \mid 1.1)$$



$$T(\text{Sys}^{\text{lo}}\text{Sys}^{\text{ro}}) = (3.2 \mid 2.1)$$

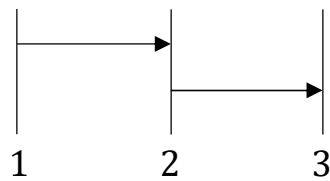


$$T(\text{Sys}^{\text{ro}}\text{Sys}^{\text{lo}}) = (2.3 \mid 1.2)$$

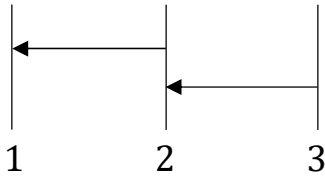


Realitätsthematik

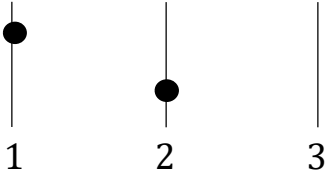
$$T(\text{U}^{\text{lo}}\text{U}^{\text{ro}}) = (1.2 \mid 2.3)$$



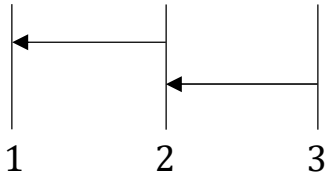
$$T(U^{ro}U^{lo}) = (2.1 \mid 3.2)$$



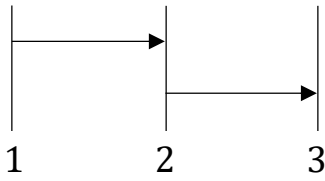
$$T(Sys^{lo}U^{lo}) = (1.1 \mid 2.2)$$



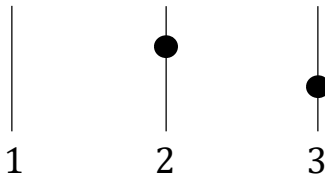
$$T(Sys^{ro}U^{lo}) = (2.1 \mid 3.2)$$



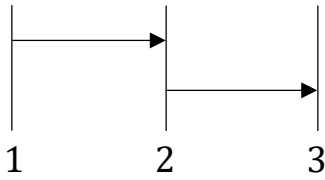
$$T(U^{lo}Sys^{ro}) = (1.2 \mid 2.3)$$



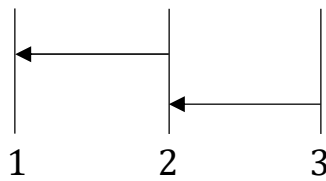
$$T(U^{ro}Sys^{ro}) = (2.2 \mid 3.3)$$



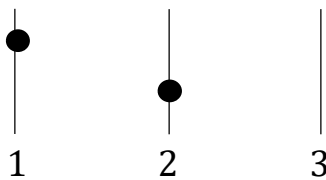
$$T(Sys^{lo}Sys^{ro}) = (1.2 \mid 2.3)$$



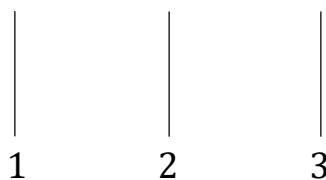
$$T(\text{Sys}^{\text{ro}}\text{Sys}^{\text{lo}}) = (2.1 \mid 3.2)$$



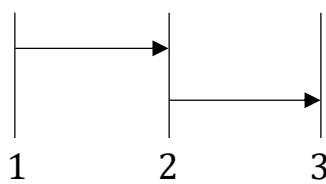
$$T(\text{U}^{\text{lo}}\text{Sys}^{\text{lo}}) = (1.1 \mid 2.2)$$



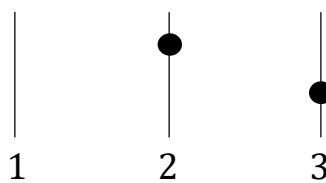
$$T(\text{U}^{\text{ro}}\text{Sys}^{\text{lo}}) = (2.1 \mid 3.2)$$



$$T(\text{Sys}^{\text{lo}}\text{U}^{\text{ro}}) = (1.2 \mid 2.3)$$



$$T(\text{Sys}^{\text{ro}}\text{U}^{\text{ro}}) = (2.2 \mid 3.3)$$



Literatur

Bense, Max, Die Eigenrealität der Zeichen. Baden-Baden 1992

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