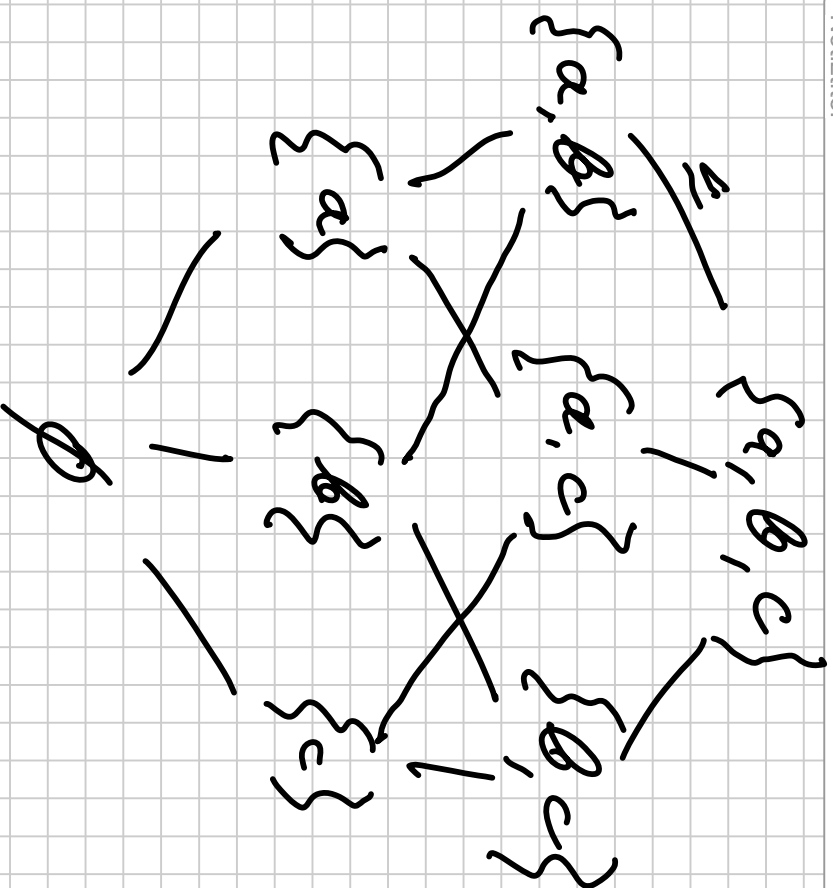


Modellierung 12.1.11

Notiztitel

12.01.2011



Partielle Ordnung:

\subseteq auf Mengen

Reflexivität: $M \subseteq M$

Transitivität:

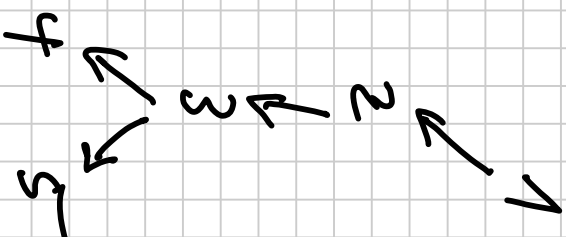
$A \subseteq B, B \subseteq C \Rightarrow A \subseteq C$

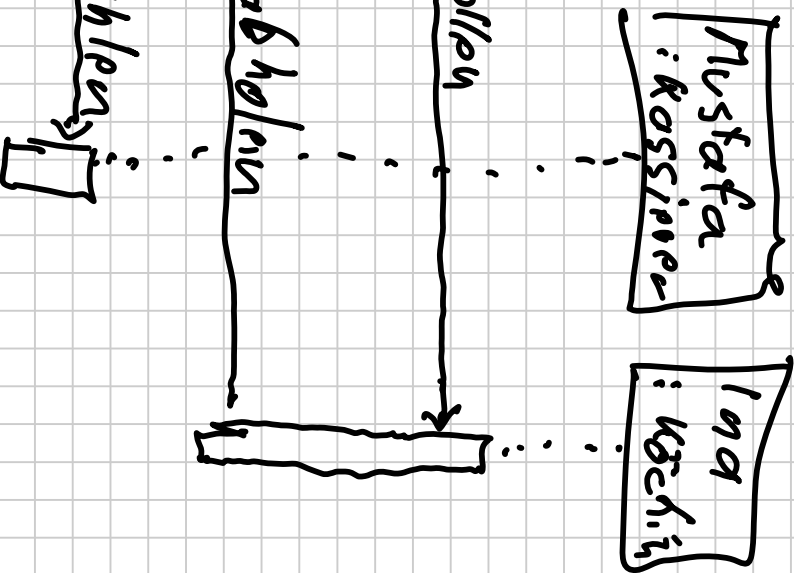
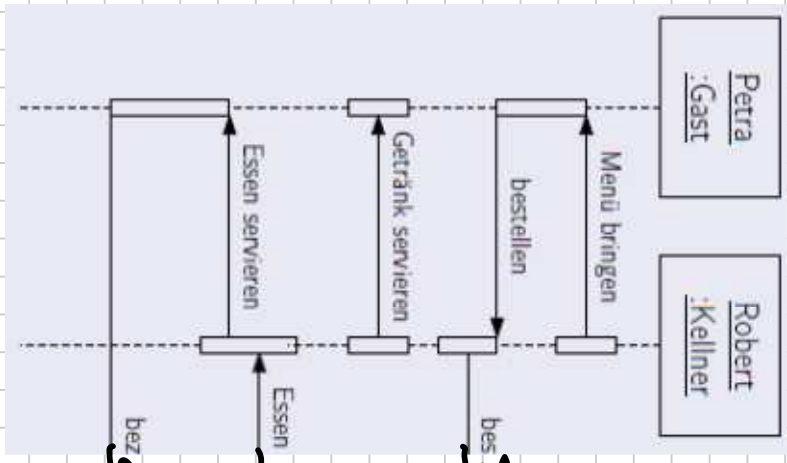
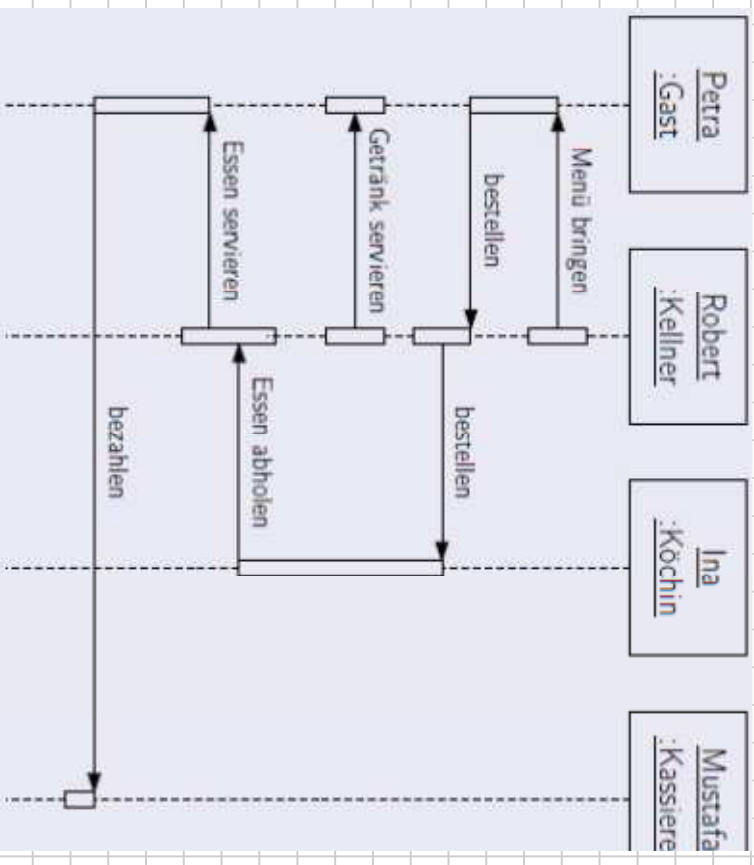
Antisymmetrie:

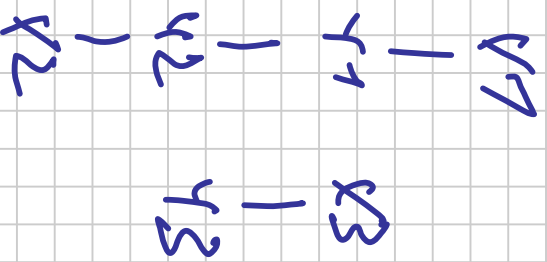
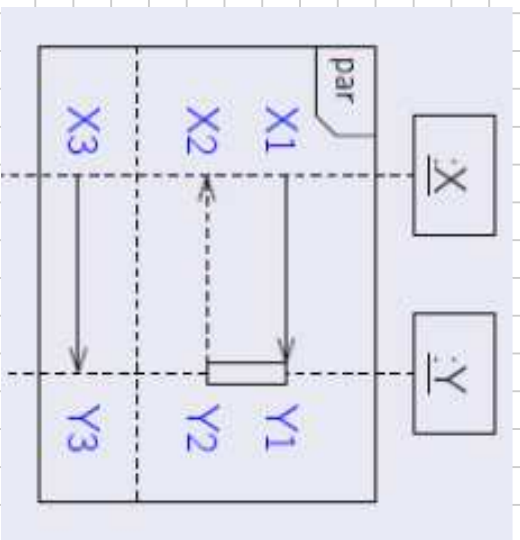
$A \subseteq B, B \subseteq A \Rightarrow A = B$

$$R = \{(1,2), (2,3), (3,4), (3,5)\}$$

$$R^* = \{(1,2), (2,3), (3,4), (3,5), \\ (1,3), (1,4), (1,5), \\ (2,4), (2,5), (1,1), (2,2), \\ (3,3), (4,4), (5,5)\}$$







Ordnung auf dem Ereignisraum

$$Y_1 < Y_1 < Y_2 < X_2$$

$$X_3 < Y_3$$

mögliche Abläufe:

$$Y_1, Y_1, Y_2, X_2, X_3, Y_3$$

$$X_3, Y_3, X_1, Y_1, Y_2, X_2$$

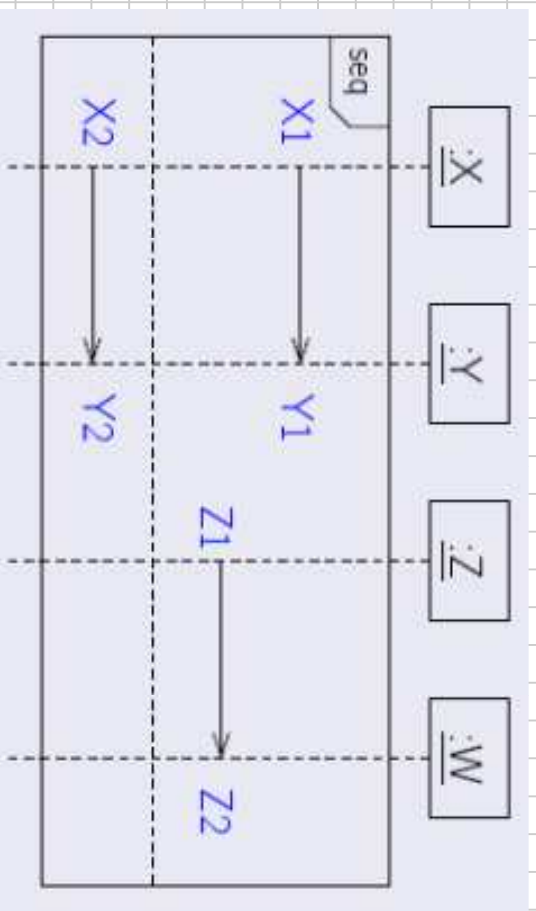
$$Y_1, X_3, Y_1, Y_3, Y_2, X_2$$

...

$$R = \{ (Y_1, Y_1), (Y_1, Y_2), (Y_2, X_2), (X_3, Y_3) \}$$

ξ_1

ξ_2



$X_1 < Y_1 < Z_1 < Z_2$

$X_2 < Y_2$

aufgrund von seq:

$X_1 < X_2$

$Y_1 < Y_2$

mögliche Abläufe:

$X_1, Y_1, Z_1, Z_2, X_2, Y_2$

$Y_1, X_2, Y_1, Y_2, Z_1, Z_2$

$X_1, Y_1, X_2, Y_2, Z_1, Z_2$

$X_1, Y_1, X_2, Z_1, Z_2, Y_2$

