2.) $\Omega = \{1,2,3,4\}$ $\quad$ $\{\emptyset, \{1\}, \{2\}, \{3\}, \{4\}, \{1,2\}, \{1,3\}, \{1,4\}, \{2,4\}\}$ ... Semiring

μ ... Inhalt

$\mu(\{1,2\}) = 3 \qquad \mu(\{1,3\}) = 2 \qquad \mu(\{1,4\}) = 1 \qquad \mu(\{2,4\}) = 4$

$\mu(\emptyset) = 0$ nach Definition

$\mu(\{1\}) + \mu(\{2\}) = \mu(\{1,2\}) = 3$

$\mu(\{1\}) + \mu(\{3\}) = \mu(\{1,3\}) = 2$

$\mu(\{1\}) + \mu(\{4\}) = \mu(\{1,4\}) = 1$

$\mu(\{2\}) + \mu(\{4\}) = \mu(\{2,4\}) = 4$

$$\left(\begin{array}{cccc|c} 1 & 1 & 0 & 0 & 3 \\ 1 & 0 & 1 & 0 & 2 \\ 1 & 0 & 0 & 1 & 1 \\ 0 & 1 & 0 & 1 & 4 \end{array}\right) \rightsquigarrow \left(\begin{array}{cccc|c} 1 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 0 & 2 \\ 0 & 0 & 0 & 1 & 1 \end{array}\right)$$

$\Rightarrow \mu(\{1\}) = 0 \qquad \mu(\{2\}) = 3 \qquad \mu(\{3\}) = 2 \qquad \mu(\{4\}) = 1$

Für Ring fehlt:

	$\{2,3\}$	$\{3,4\}$	$\{1,2,3\}$	$\{1,2,4\}$	$\{1,3,4\}$	$\{2,3,4\}$	$\{1,2,3,4\}$
$\mu(\ldots)$	5	3	5	4	3	6	6

Prinzip: $\mu(\dot{\bigcup} A_n) = \sum \mu(A_n)$

disjunkt