

2.

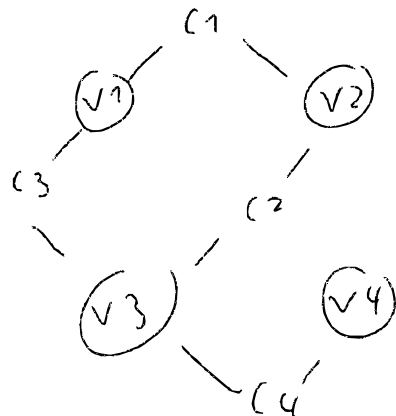
Sortieren	
v_3	c1
v_1, v_2	c2
v_4	c3
	c4

$$v_1 + v_2 = 3$$

$$v_2 + v_3 \leq 3$$

$$v_1 \leq v_3$$

$$v_3 \neq v_4$$



1. $v_3 = \{0-5\}$

$$c_2(v_2, v_3) = x + y \leq 3 \quad \begin{array}{l|l} v_1 & 0-5 \\ v_2 & 0-3 \quad \leftarrow \text{next} \\ v_3 & 0-3 \quad \leftarrow \\ v_4 & 0-5 \end{array}$$

$0+3; 1+2; \dots = v_2$

2. $v_2 = \{0-3\}$

$$c_1(v_1, v_2) \quad v_1 + v_2 = 3$$

$$0+3; 1+2; \dots$$

~~$\{3, 5\}$~~

$$\begin{array}{l|l} v_1 & 0-3 \quad \leftarrow \\ v_2 & 0-3 \quad \leftarrow \\ v_3 & 0-3 \\ v_4 & 0-5 \end{array}$$

3. $v_1 = \{0-3\}$

$$c_3(v_1 \leq v_3)$$

~~$\{3, 5\}$~~

~~$\{3, 7\}$~~

$$\begin{array}{l|l} v_1 & 0-3 \quad \leftarrow \\ v_2 & 0-3 \\ v_3 & 0-3 \\ v_4 & 0-5 \quad \leftarrow \end{array}$$

4. $v_4 = \{0, 5\}$

$$c_4(v_3 \neq v_4)$$

$$v_3 \in \{0-3\}$$

$$v_4 \in \{0-5\}$$