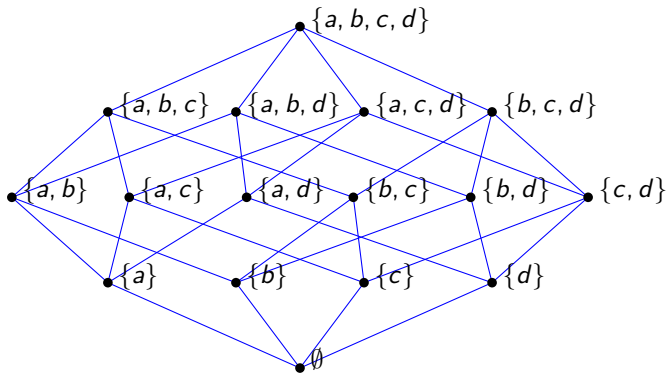


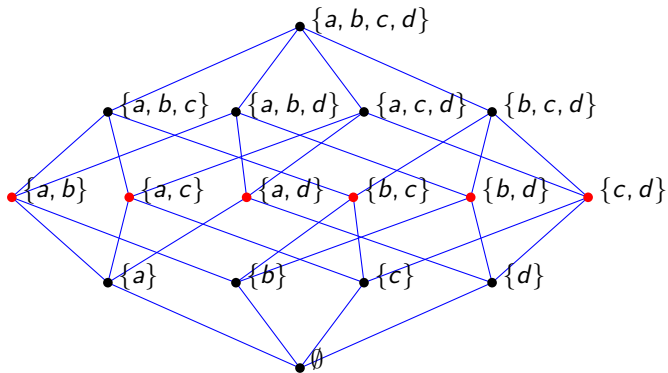
Ukázka aplikace Spernerovy věty

$(\mathcal{P}(\{a, b, c, d\}), \subseteq)$



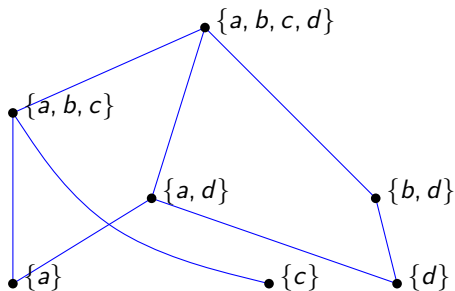
Ukázka aplikace Spernerovy věty

$(\mathcal{P}(\{a, b, c, d\}), \subseteq)$ Max. nezávislá množina s $\binom{4}{2}$ prvky.



Ukázka aplikace Spernerovy věty

(\mathcal{X}, \subseteq)

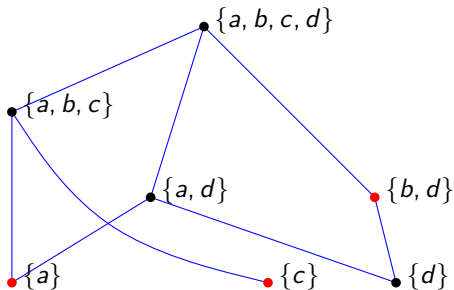


$$\mathcal{X} = \{\{a\}, \{c\}, \{d\}, \{a, d\}, \{b, d\}, \{a, b, c\}, \{a, b, c, d\}\}$$

Ukázka aplikace Spernerovy věty

(\mathcal{X}, \subseteq)

Max. nezávislá množina $s \leq \binom{4}{2}$ prvky.



$$\mathcal{X} \subseteq \mathcal{P}(\{a, b, c, d\}) \implies \alpha(\mathcal{X}, \subseteq) \leq \alpha(\mathcal{P}(\{a, b, c, d\}), \subseteq)$$