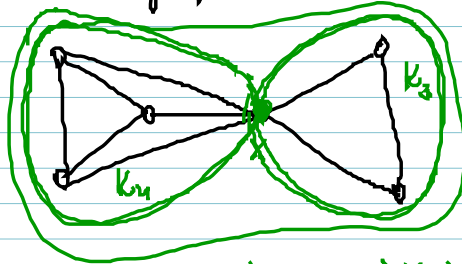


Učíte redukci a hranový stupeň  
souvislosti grafu  $G$ .

$G$ :



$$\kappa(G) \leq \kappa'(G) \leq \delta(G) = 2$$

$$1 \leq \kappa(G) \leq 2$$

$G - x$



$\Rightarrow G$  není souvislý,  
2-souvislý

$$1 \leq \kappa(G) \leq 1 \Rightarrow$$

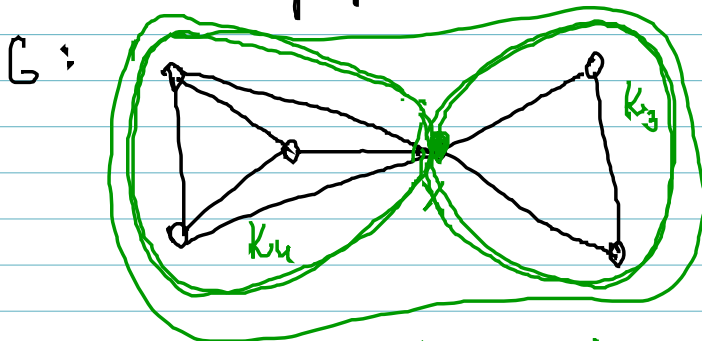
$$\Rightarrow \kappa(G) = 1$$

$$1 \leq \kappa'(G) \leq 2$$

$$\kappa(K_n) = \kappa'(K_n) = n-1 \quad 2 \leq \kappa'(G) \leq 2 \Rightarrow$$

$$G \text{ je hranově } 2\text{-souvislý} = \kappa'(G) = 2$$

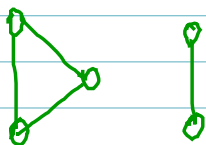
Určete současnou a horní stupeň  
souvěslosti grafu  $G$ .



$$\kappa(G) \leq \kappa'(G) \leq \delta(G) = 2$$

$$1 \leq \kappa(G) \leq 2$$

$G - x$



$\Rightarrow G$  není současně,  
2-souvěsle

$$\Rightarrow \kappa(G) = 1$$

$$1 \leq \kappa'(G) \leq 2$$

$$\kappa(K_n) = \kappa'(K_n) = n-1 \quad 2 \leq \kappa'(G) \leq 2 \Rightarrow$$

$$G \text{ je horní 2-souvěsle} = \kappa'(G) = 2$$