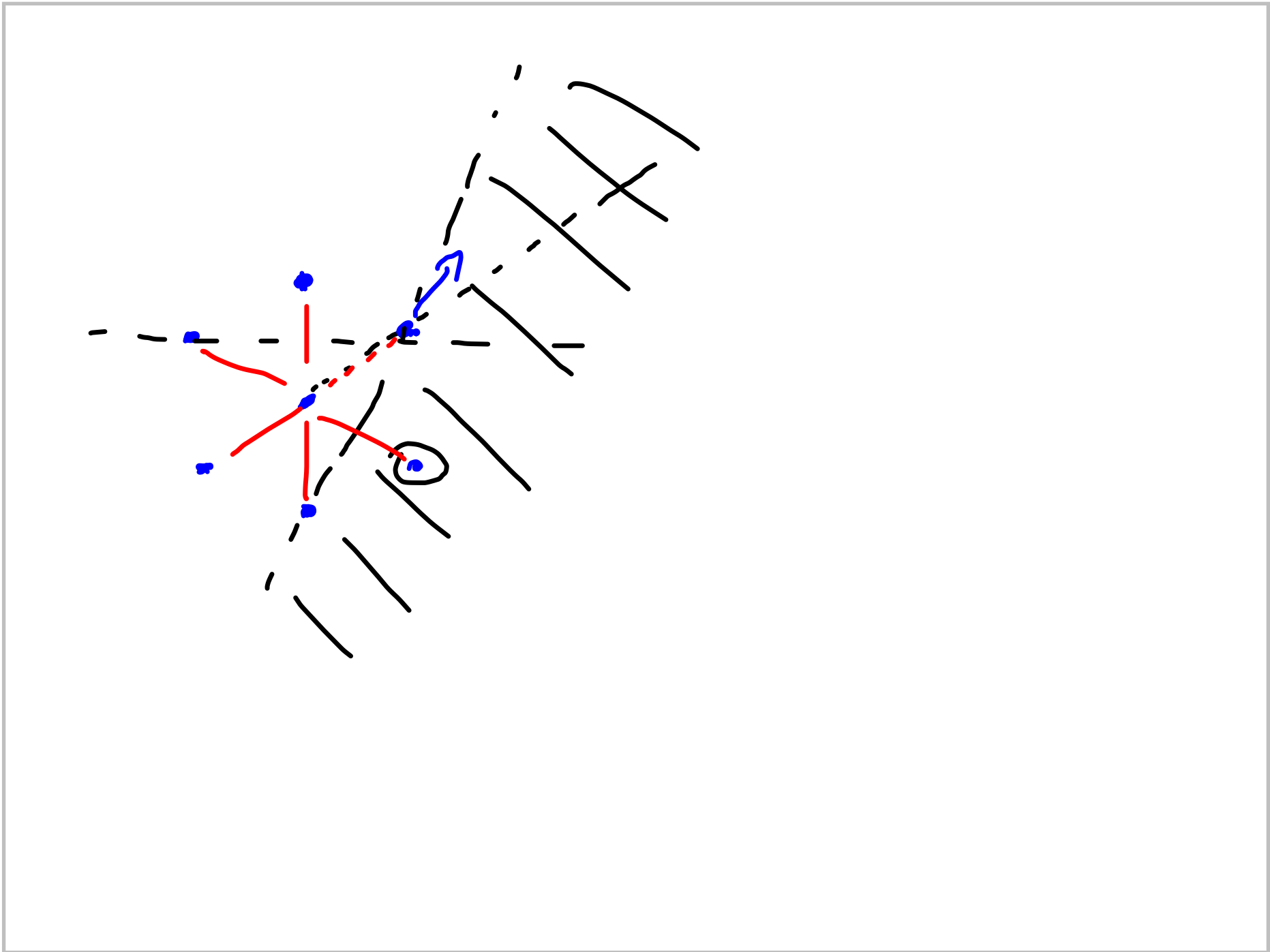
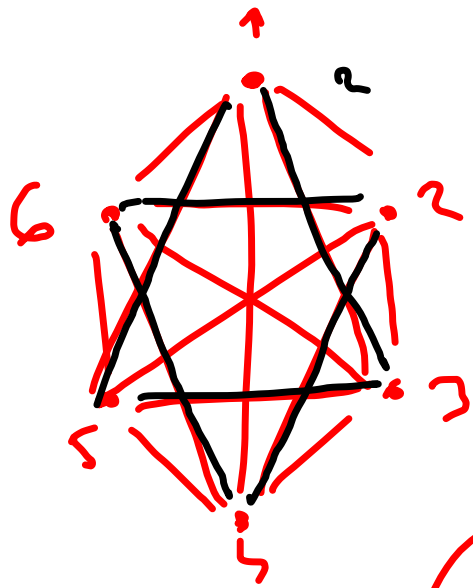


$$\frac{1}{2} + \frac{\sqrt{3}}{2} + \frac{\sqrt{3}}{2} < 2.5$$

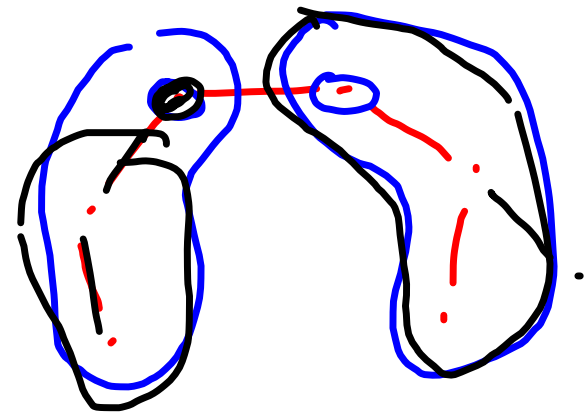
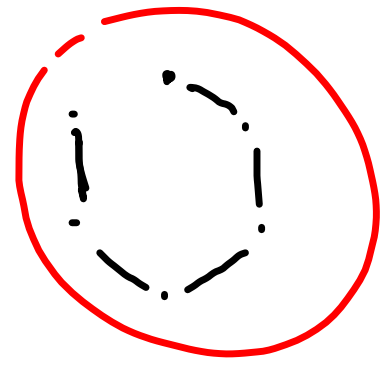
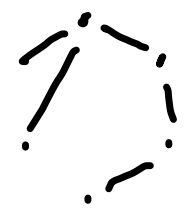
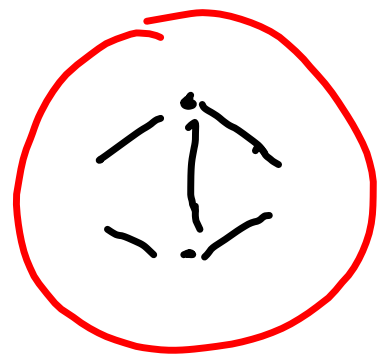
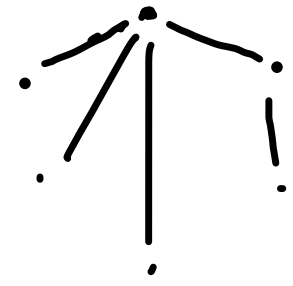
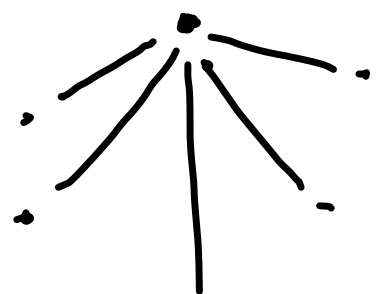
$$\frac{1}{2} + 1 + 1 = 2.5$$

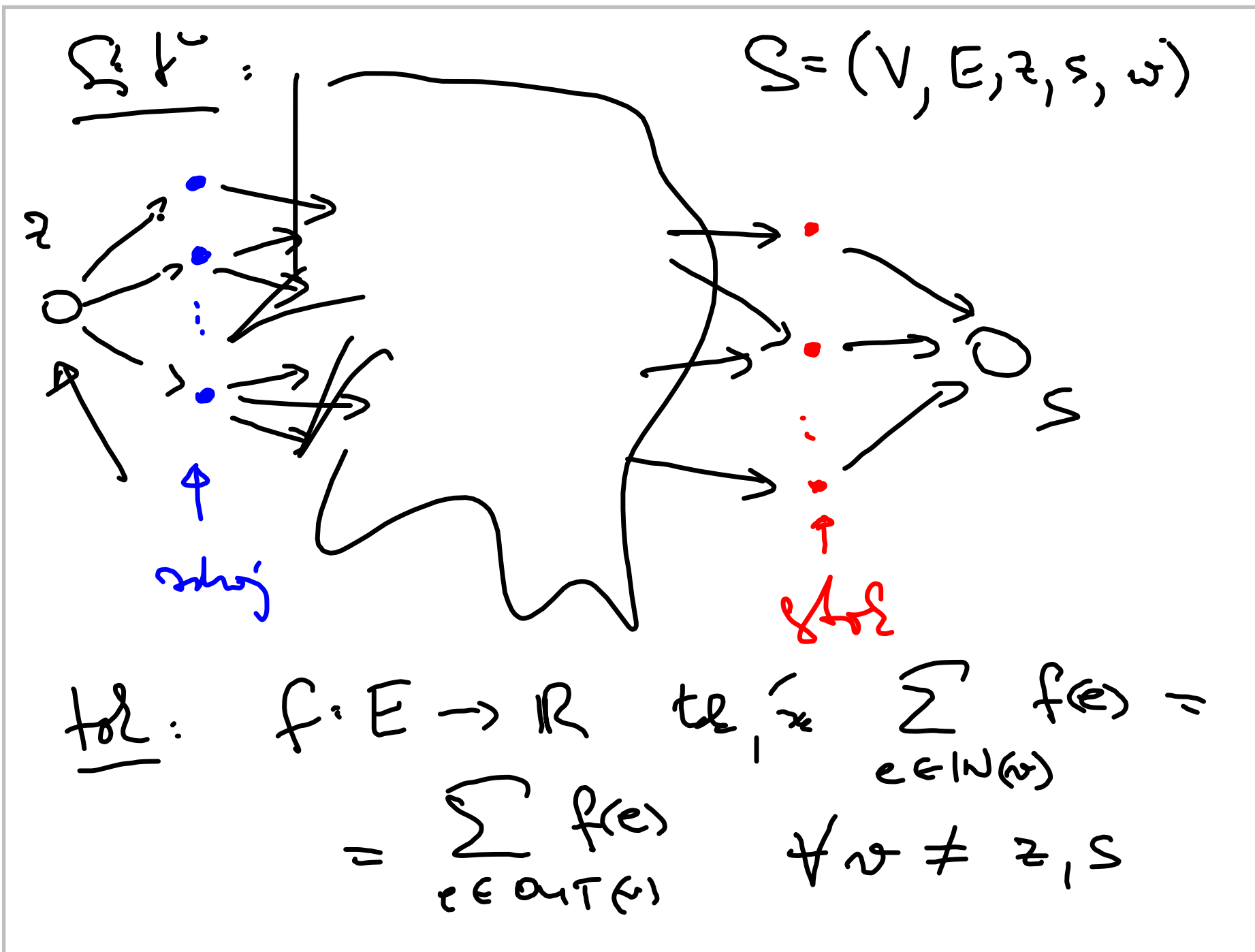
poly • number $\sqrt{3} + 1/2 \leq |K| \leq 3$





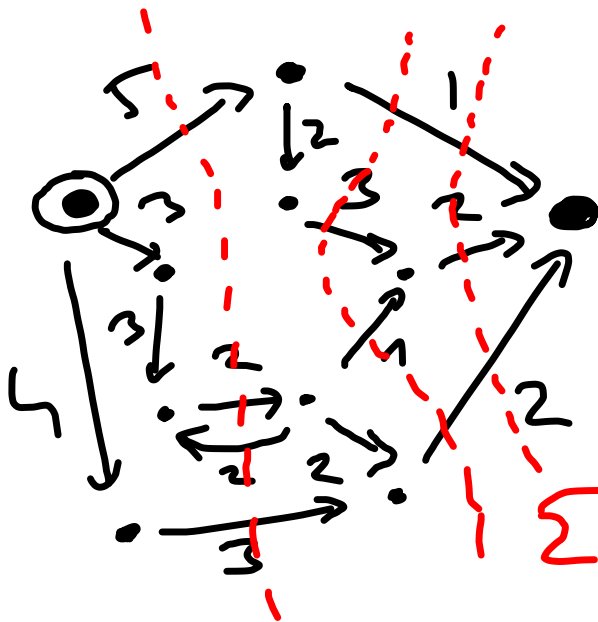
$$(i+j) \bmod 2 + 1$$





netová tok:

$$|f| = \sum_{e \in IN(S)} f(e) - \sum_{e \in OUT(Z)} f(e)$$

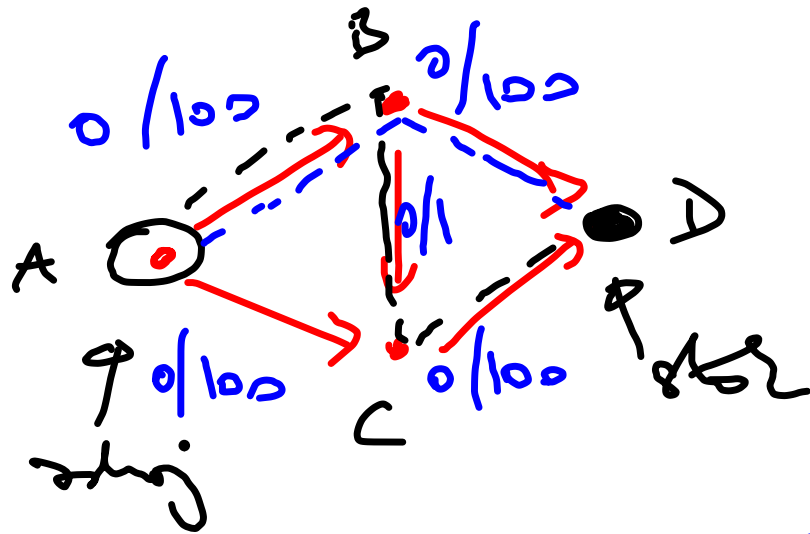


největší maximální
tok

f_{max} (tj. výkon
lucra) $t_{s, t}$
max. cesty
a vždy do stejné

FORD - FULKERSON

nerozvržená cesta = cesta kde lze zjistit
 bezpečně tolik



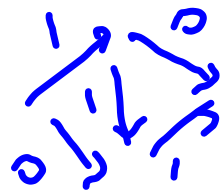
historie $f(e) = 0$
 včuda

cesta v "nerozvržené" grafu

- ①
- AB = 0
 - BD = 0
 - AC = 0
 - CD = 0
 - BC = 0

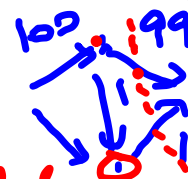
② ve cestě ABCD:

- AB = 1
- BC = 1
- CD = 1
- AC = 0
- BD = 0



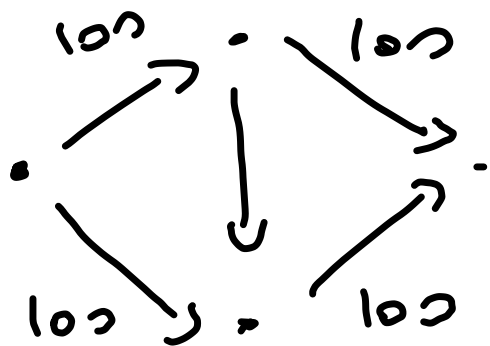
③ cestě ABD

- rezult: AB = 99
 BD = 100



- AB = 100
- BD = 99
- BC = 1
- AC = 0
- CD = 1

B, C jsou včuda i v nerozvržené cestě

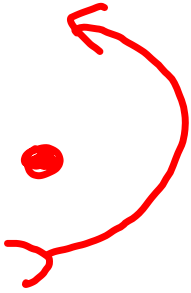


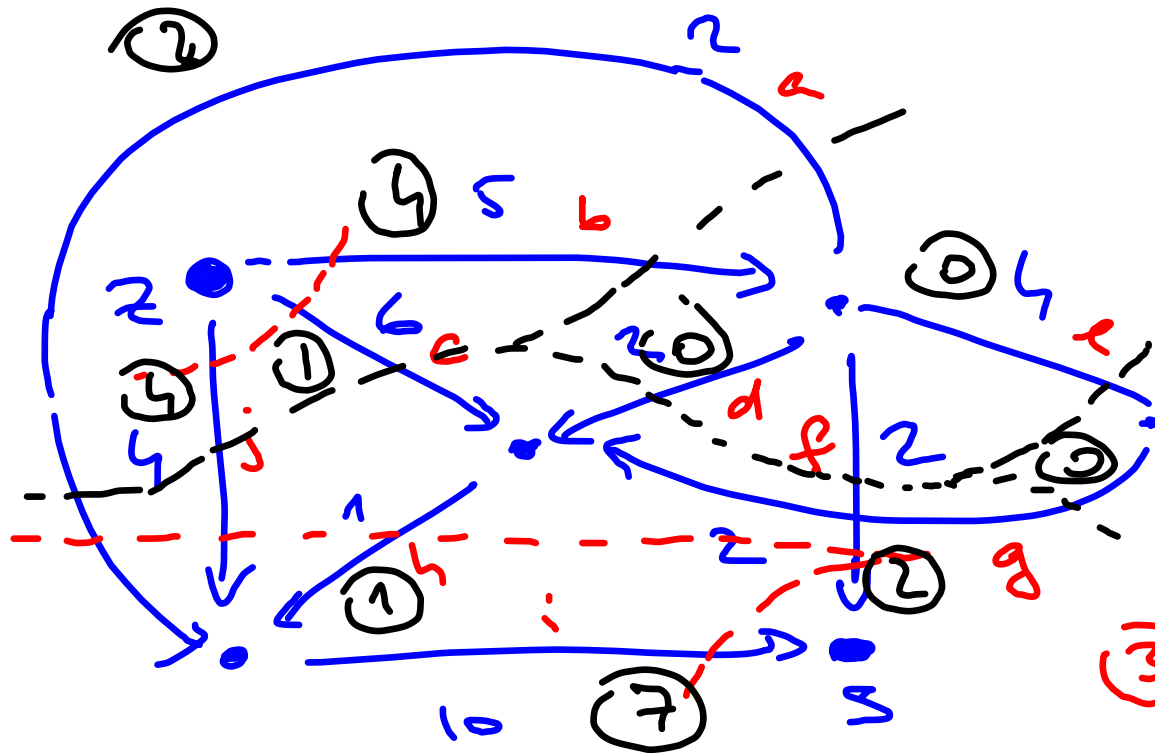
Algoritmus: $\text{O}(f(n)) = O(n)$ $\forall n$
 online u množin
 vrcholů do kterých vede
 pouze jedna cesta

① dohledat střed řetězce u

→ najít do necesty a jejího křivky u
 i když bude o minimální rezervaci.

③ se zbytek dělá t_2 (+ \bar{r}_2)





6 jin vedy
Fey?

① {b, c, j}

② {f, i}

③ {f, h, e, j}

④ {j, c, d, f, e, a}

⑤ {j, c, d, f, g, a}

⑥ {b, i, h}

⑦ {b, i}

maximální je 9