

Zfildite, kada existuje graf se stepino-
noe priložnosti! $(\underline{5}, \underline{6}, \underline{4}, \underline{1}, \underline{3}, \underline{3}, \underline{1}, \underline{6})$

$$\Delta(G): |V(G)| = 8, \Delta(G) = 7 \checkmark$$

Prat molu ličeho st.: $6 \checkmark$

Vita Havel - Hakimi:

$$\begin{aligned} & \underline{(7, 6, 4, 3, 3, 3, 1, 1)} \sim \underline{(5, 3, 2, 2, 2, 2, 0)} \sim \\ & \sim (2, 1, 1, 1, \underline{1}, 0) \end{aligned}$$

Zjistěte, zda existují graf se stupňo-
vou posloupností $(4, 3, 7, 1, 3, 3, 1, 6)$

$$\Delta(G) : |V(G)| = 8, \Delta(G) = 7 \checkmark$$

Počet nulová lichého st. : $6 \checkmark$

Věta Havel - Hakimi :

$$\begin{aligned} & \left(\underline{7}, \underline{6}, \underline{4}, \underline{3}, \underline{3}, \underline{3}, \underline{1}, \underline{1} \right) \sim \left(\underline{5}, \underline{3}, \underline{2}, \underline{2}, \underline{2}, \underline{0}, \underline{0} \right) \sim \\ & \sim (2, 1, 1, 1, \underline{-1}, 0) \end{aligned}$$