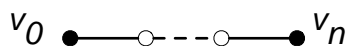


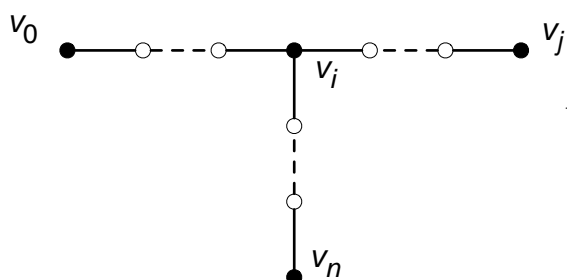
Diskrétní matematika: Domácí úkol 9: P íklad 3.

2 listy:



$$V_2 = \{v_0, \dots, v_n\}; \quad E_2 = \{\{v_0, v_1\}, \{v_1, v_2\}, \dots, \{v_{n-1}, v_n\}\}; \quad n > 0$$

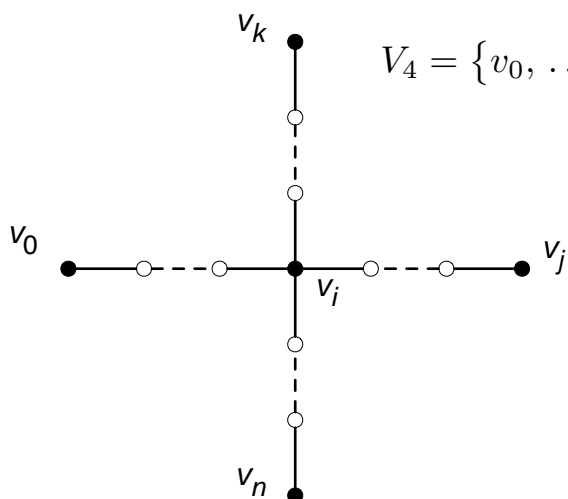
3 listy:



$$V_3 = \{v_0, \dots, v_i, \dots, v_j, \dots, v_n\}; \quad 0 < i < j < n > 2$$

$$E_3 = \{\{v_0, v_1\}, \{v_1, v_2\}, \dots, \{v_{j-1}, v_j\}, \\ \{v_i, v_{j+1}\}, \{v_{j+1}, v_{j+2}\}, \dots, \{v_{n-1}, v_n\}\}$$

4 listy:



$$V_4 = \{v_0, \dots, v_i, \dots, v_j, \dots, v_k, \dots, v_n\}; \quad 0 < i < j < k < n > 3$$

$$E_4 = \{\{v_0, v_1\}, \{v_1, v_2\}, \dots, \{v_{j-1}, v_j\}, \\ \{v_i, v_{j+1}\}, \{v_{j+1}, v_{j+2}\}, \dots, \{v_{k-1}, v_k\}, \\ \{v_i, v_{k+1}\}, \{v_{k+1}, v_{k+2}\}, \dots, \{v_{n-1}, v_n\}\}$$

$$V'_4 = \{v_0, \dots, v_i, \dots, v_j, \dots, v_k, \dots, v_l, \dots, v_n\}; \quad 0 < i < j < k < l < n > 4$$

$$E'_4 = \{\{v_0, v_1\}, \{v_1, v_2\}, \dots, \{v_{k-1}, v_k\}, \\ \{v_i, v_{k+1}\}, \{v_{k+1}, v_{k+2}\}, \dots, \{v_{l-1}, v_l\}, \\ \{v_j, v_{l+1}\}, \{v_{l+1}, v_{l+2}\}, \dots, \{v_{n-1}, v_n\}\}$$

