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## 编译第十七次作业

6.

由图, 定义使用货车:

$$b: L_1 \{ \langle B_1, 1 \rangle, \langle B_1, 3 \rangle, \langle B_2, 1 \rangle, \langle B_4, 1 \rangle$$

$$L_2 \{ \langle B_3, 1 \rangle, \langle B_3, 2 \rangle, \langle B_4, 1 \rangle \}$$

$$c: L_3 \{ \langle B_1, 2 \rangle, \langle B_1, 3 \rangle, \langle B_2, 1 \rangle, \langle B_4, 1 \rangle \}$$

$$L_4 \{ \langle B_1, 2 \rangle, \langle B_1, 3 \rangle, \langle B_3, 2 \rangle, \langle B_4, 1 \rangle \}$$

$$d: L_5 \{ \langle B_1, 3 \rangle \} \quad L_6 \{ \langle B_3, 2 \rangle \}$$

$$a: L_7 \{ \langle B_2, 1 \rangle \}$$

$$e: L_8 \{ \langle B_4, 1 \rangle \}$$

$$\text{网: } b: W_1 \{ L_1, L_2 \} \quad c: W_2 \{ L_3, L_4 \}$$

$$d: W_3 \{ L_5 \} \quad W_4 \{ L_6 \}$$

$$a: W_5 \{ L_7 \} \quad e: W_6 \{ L_8 \}$$



附加题:

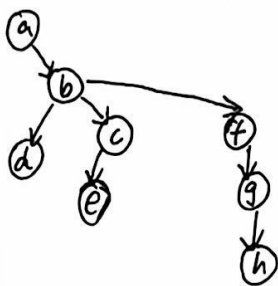
(1)

$$\text{Dom}(a) = \{a, b, c, d, e, f, g, h\} \quad \text{Dom}(b) = \{b, c, d, e, f, g, h\}$$

$$\text{Dom}(c) = \{c, e\} \quad \text{Dom}(d) = \{d\} \quad \text{Dom}(e) = \{e\}$$

$$\text{Dom}(f) = \{f, g, h\} \quad \text{Dom}(g) = \{g, h\} \quad \text{Dom}(h) = \{h\}$$

可将图简化为



$$\therefore \text{DF}(a) = \emptyset, \text{DF}(b) = \emptyset, \text{DF}(c) = \emptyset, \text{DF}(d) = \emptyset,$$

$$\text{DF}(e) = \emptyset, \text{DF}(f) = \emptyset$$

12) 图中有 2 个回边

13) 有 4 个循环

$$\textcircled{1}: b, d, f, g \quad \textcircled{2}: b, c, f, g$$

$$\textcircled{3}: a, b, c, f, g, h \quad \textcircled{4}: a, b, d, f, g, h$$

