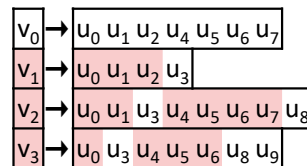


- 减少无效**顶点**访问
- 消除重复**集合**运算
- 优化枚举**节点**剪枝

w:

$$\begin{aligned}
 L_w &= N(v_0) = \{u_0, u_1, u_2, u_4, u_5, u_6, u_7\} \\
 N_w(v_1) &= L_w \cap N(v_1) = \{u_0, u_1, u_2\} \\
 N_w(v_2) &= L_w \cap N(v_2) = \{u_0, u_1, u_4, u_5, u_6, u_7\} \\
 N_w(v_3) &= L_w \cap N(v_3) = \{u_0, u_4, u_5, u_6\}
 \end{aligned}$$

节点生成



计算子图

- 根节点
- 极大二分团
- 非极大二分团

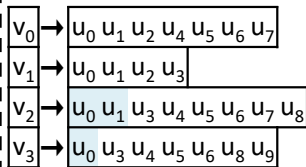
x:

$$L_x = N_w(v_1) = \{u_0, u_1, u_2\}$$

$$\begin{aligned}
 N_x(v_2) &= L_w \cap N_w(v_2) \\
 &= \{u_0, u_1, u_2\} \cap \\
 &= \{u_0, u_1\}
 \end{aligned}$$

$$\begin{aligned}
 N_x(v_3) &= L_w \cap N_w(v_3) \\
 &= \{u_0, u_1, u_2\} \cap \\
 &= \{u_0\}
 \end{aligned}$$

节点生成



计算子图

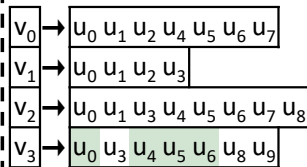
y:

$$L_y = N_w(v_2)$$

$$= \{u_0, u_1, u_4, u_5, u_6, u_7\}$$

$$\begin{aligned}
 N_y(v_3) &= L_y \cap N_w(v_3) \\
 &= \{u_0, u_1, u_4, u_5, u_6, u_7\} \cap \\
 &= \{u_0, u_4, u_5, u_6\}
 \end{aligned}$$

节点生成



计算子图

z:

$$L_z = N_w(v_3)$$

$$= \{u_0, u_4, u_5, u_6\}$$

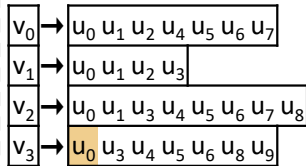
节点生成

q:

$$L_q = N_x(v_2) = \{u_0, u_1\}$$

$$\begin{aligned}
 N_q(v_3) &= L_q \cap N_x(v_3) \\
 &= \{u_0, u_1\} \cap \\
 &= \{u_0\}
 \end{aligned}$$

节点生成



计算子图

r:

$$L_r = N_x(v_3) = \{u_0\}$$

节点生成

s:

$$L_s = N_y(v_3)$$

$$= \{u_0, u_4, u_5, u_6\}$$

节点生成

t:

$$L_t = N_q(v_3) = \{u_0\}$$

节点生成

