







Ex:

$$V = \{a, l, c, l, e, l, g\}$$

 $V_1 = \{a, l, c, l, g\}$
 $V_1 = \{a, l, g\}$
 $V_1 = \{a,$

let: A convected component of a graph G is a convected subgraph of G which is not a proper subgraph of another convected subgraph of G.

$$e_{1} \begin{array}{c} f_{1} e_{1} \\ f_{1} e_{2} \\ f_{1} \\ e_{3} \end{array} \begin{array}{c} f_{2} \\ f_{2} \\ f_{3} \\ e_{1} \end{array} \begin{array}{c} f_{2} \\ f_{2} \\ f_{3} \\ e_{1} \end{array} \begin{array}{c} f_{2} \\ f_{3} \\ f_{4} \\ f_{4}$$

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