

A complex graph diagram on grid paper showing three clusters of nodes labeled C_1 , C_2 , and C_3 .
 - C_1 (top) contains nodes X_1, X_2, X_3 .
 - C_2 (middle) contains nodes X_4, X_5, X_6 .
 - C_3 (bottom) contains nodes X_7, X_8, X_9 .
 The nodes are interconnected with lines, forming a dense network. Some edges are marked with multiple tick marks, indicating specific connections or weights. The diagram is drawn on a grid background.

c) $C_1 = X_1$ $C_2 = \overline{X_2}$ $C_3 = X_3$ $C_4 = X_3$