

Assume we can partition the graph
by cutting XEZ edges, leaving the two every sited partitions as nonh-percubes. After (utting the graph, it will have to edges left, evenly divided to between the food partitions.

The handshaking lemma states. Threfore, $\geq deg(v) = Z = 1$ Being that neither pordition is a $Z \geq 2 = 3$ My pur cube, $\geq deg(v) \neq 1$ And the state of the pordition is a $Z \geq 3 = 3 = 3$ edges, we will remain with the original number of nodes. (v)=20. = deg(V) # 2°·(d-1) $\frac{1}{2} = \frac{1}{2} = \frac{1}$ the cut edges

