



Problem Set 11: More on Graphs

CS/MATH 113 Discrete Mathematics
Habib University Spring 2025

Problems

1. Let G and H be some graphs. Show that $G \cong H \iff \overline{G} \cong \overline{H}$
2. Show that a vertex c in a connected simple graph G is a cut vertex if and only if there are vertices u and v , both different from c , such that every path between u and v passes through c .

The End

