

# Hamiltonian and Forbidden Subgraphs

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A graph is Hamiltonian if it contains a spanning cycle and a graph  $G$  is  $H$ -free if it does not contain  $H$  as an induced subgraph. The pairs of forbidden graphs to provide a 2-connected graph to be Hamiltonian were characterized by Bedressian. We generalize his condition by imposing some degree condition on those pairs of graphs. Some other related forbidden subgraphs will be discussed too.