

Hamilton Bond, Tutte Bond and Tutte Theorem

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Abstract

Cycles and Hamilton cycles are popular topics in research. However, their dual concepts, Bonds and Hamilton bonds are barely touched in the literature. In this talk we use the concept of Tutte bond to give a very simple proof of a well-known result of Tutte: *Every 4-connected planar graph has a Hamilton cycle.*

Keywords: cycle, Hamilton cycle, Tutte bond.