

**Schwärzler, Werner**

**Being Hamiltonian is not a Tutte invariant.** (English) Zbl 0751.05067

Discrete Math. 91, No. 1, 87-89 (1991).

Author's abstract: T. Brylawski and J. Oxley asked, if the size of the largest circuit in a graph is a Tutte invariant. We show by an example, that this is not the case.

Reviewer: P.Reichensperger (Oberasbach)

**MSC:**

[05C45](#) Eulerian and Hamiltonian graphs

[05C38](#) Paths and cycles

[05C99](#) Graph theory

Cited in 4 Documents

**Keywords:**

[Tutte invariants](#); [planar graphs](#); [Hamiltonian graphs](#)

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**References:**

[1] Brylawski, T.H.; Oxley, J.G., The Tutte polynomial and its applications, () · [Zbl 0769.05026](#)

[2] Welsh, D.J.A., Matroid theory, (1976), Academic Press London · [Zbl 0343.05002](#)

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