

[Zaks, Joseph](#)

**Towards a simpler proof of the Brouwer fixed point theorem.** (English) Zbl 0849.55001  
[Geombinatorics](#) 5, No. 1, 35-37 (1995).

The author proves a combinatorial lemma which is equivalent to Brouwer's fixed point theorem in dimension 2.

**MSC:**

[55M20](#) Fixed points and coincidences in algebraic topology

[54H25](#) Fixed-point and coincidence theorems (topological aspects)

**Keywords:**

[Brouwer's fixed point](#)