

[Craggs, Robert](#)

**Free Heegaard diagrams and extended Nielsen transformations. II.** (English) Zbl 0404.57009  
Ill. J. Math. 23, 101-127 (1979).

For a scan of this review see the [web version](#).

**MSC:**

57N10 Topology of general 3-manifolds (MSC2010)

20E05 Free nonabelian groups

57M40 Characterizations of the Euclidean 3-space and the 3-sphere (MSC2010)

Cited in **2** Documents

**Keywords:**

[Nielsen Transformation](#); [Splitting Homomorphism](#); [Free Group](#); [Heegaard Splittings](#)