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## Intrinsic Chirality of 3-Connected Graphs

### Abstract for the Combinatorics Seminar 2006 February 16

A graph is called *chiral* if there is no orientation-reversing self-homeomorphism of  $S^3$  that carries the graph onto itself. 3-Connected graphs are characterized as intrinsically chiral (or not) in terms of whether or not certain types of graph automorphism exist.

This talk is based on a paper by Erica Flapan and Nikolai Weaver.

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