

## EIGENVALUE CONDITIONS FOR INDUCED SUBGRAPHS

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### Abstract

Necessary conditions for an undirected graph  $G$  to contain a graph  $H$  as induced subgraph involving the smallest ordinary or the largest normalized Laplacian eigenvalue of  $G$  are presented.

**Keywords:** induced subgraph, eigenvalue.

**2010 Mathematics Subject Classification:** 05C50.

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Received 21 January 2014

Revised 10 June 2014

Accepted 11 June 2014