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Francesco Barioli, Shaun M Fallat, Lon H Mitchell* (lmitchell12@vcu.edu) and **Sivaram K Narayan**. *Minimum Semidefinite Rank of Outerplanar Graphs*.

Following the work of John Sinkovic relating the minimum rank of an outerplanar graph to its path cover number, we are able to completely determine the minimum semidefinite rank of outerplanar graphs by considering coverings by trees. (Received February 14, 2010)