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**Steve Butler\*** (butler@iastate.edu). *Kemeny's constant and the normalized Laplacian*. Preliminary report.

Kemeny's constant is related to the mean transit time of a random walk. This can be computed in terms of the eigenvalues of the probability transition matrix, which is connected to the normalized Laplacian. Using tools for the normalized Laplacian we show how to compute this value for some families. (Received February 20, 2017)