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Ian Hill* (hillim@dukes.jmu.edu), 57 S High St, Harrisonburg, VA 22801, and **Johua Ducey**
and **Peter Sin**. *The Critical of the Kneser Graphs on 2-subsets of an n-set.*

Let $KG(n,2)$ be the Kneser graph on the 2-subsets of an n element set. We use methods stemming from the representation theory of the symmetric group and algebraic graph theory to find a cyclic decomposition of the critical group for this family of graphs. (Received September 18, 2017)