1022-05-154 **Cecil C. Rousseau*** (ccrousse@memphis.edu), Department of Mathematical Sciences, University of Memphis, 373 Dunn Hall, Memphis, TN 38152-3240. *Ramsey Number Problems Involving Books and Wheels.*

The book with n pages is the graph $B_n = K_1 + K_{1,n}$, and the wheel with n spokes is $W_n = K_1 + C_n$. Ramsey number problems involving these graphs have been studied off and on for 30 years. Roughly speaking, the types of results that have been obtained fall into three categories: (i) exact results for small graphs, (ii) Ramsey "goodness" results, which are exact in case one of the graphs is sparse and of sufficiently large order, (iii) asymptotic bounds or estimates. Recent results will be presented involving all three categories. In particular, a general Ramsey goodness result will be given that in a special case answers affirmatively the following question of Burr and Erdős: is W_n p-good for all $p \geq 3$ and n sufficiently large? This work is in collaboration with Vladimir Nikiforov. (Received September 12, 2006)