1011-15-161   **Amy Wangsness*** (`awangsne@fsc.edu`), Fitchburg State College, Mathematics Department, 160 Pearl St., Fitchburg, MA 01420. *Some results on the matrix completion problem for various classes of $P_{0,1}$-matrices.*

Let Π be in the set of classes $\{P_{0,1}, weakly\,sign\,symmetric\,P_{0,1}, and\,sign\,symmetric\,P_{0,1}\}$ of matrices. The question discussed will be the following: Given a digraph, does every partial Π-matrix which specifies the digraph have completion to a Π-matrix? Results will be discussed for digraphs up through order 4. (Received August 24, 2005)