1145-05-1016   **Richard A Brualdi*** (`brualdi@math.wisc.edu`). *T.S. Michael and his Mathematics.*
T.S. Michael was my 13th PhD student receiving his degree in 1988 with a thesis entitled "The structure matrix of the class of multigraphs with a prescribed degree sequence". Primarily interested in graphs and matrices, T.S.'s research spanned a a number of topics: (0,1)-matrix classes, permanents, tournaments, Hadamard matrices and designs, sphere of influence graphs, graph decompositions, block designs, and, of course, guarding art galleries. His 2009 book "How to guard an art gallery and other discrete mathematical adventures" illustrates his wonderful expository skills. His 2011 paper "Guards, Galleries, Fortresses, and the Octoplex" was awarded a prize for exposition by the MAA in 2012. In this talk I will first give some personal reminiscences about T.S. and his career, and then discuss some of his mathematical research. (Received September 18, 2018)