Title: Some numerical characteristics of Sylvester and Hadamard matrices

Author(s): Ágota Figula and Vakhtang Kvaratskhelia

We introduce numerical characteristics of Sylvester and Hadamard matrices and give their estimates and some of their applications.

Address:
Á. Figula
Department of Mathematics
University of Debrecen
H-4010 Debrecen, P.O. Box 12
Hungary

Address:
V. Kvaratskhelia
Muskhelishvili Institute
of Computational Mathematics
of the Georgian Technical University
Akuri str., 8, Tbilisi 0160
Sokhumi State University
A. Politkovskaia str., 9
Tbilisi 0186
Georgia