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Wen Yan* (wenyanmath@gmail.com), Department of Mathematics, Tuskegee, AL 36088, and
Durmus Bozkurt and **Tin-Yau Tam**. *Singular values and eigenvalues of complex skew
symmetric, symplectic and Hamiltonian matrices.*

We give a complete relation between the singular values and eigenvalues of a complex skew symmetric matrix in terms of multiplicative majorization and double occurrences of singular values and eigenvalues. Similar studies are given for symplectic and Hamiltonian matrices (Received August 27, 2012)