Carlson, D.; **Schneider, H.**
Inertia theorems for matrices: the semidefinite case. (English) Zbl 0192.13402
J. Math. Anal. Appl. 6, 430-446 (1963).

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References:

[1] Gantmacher, F.R; Gantmacher, F.R, ()

[2] Sylvester, J.J; Sylvester, J.J; Sylvester, J.J, A demonstration of the theorem that every homogeneous quadratic polynomial is reducible by real orthogonal substitutions to the form of a sum of positive and negative squares, Phil. mag., Phil. mag., Math. papers I, 142, 378-381, (1904), Cambridge

[3] Bellman, R, Introduction to matrix analysis, (1960), McGraw-Hill New York · Zbl 0124.01001

[4] Lyapunov, A; Lyapunov, A, Problème Général de la stabilité du mouvement, (), (1892), 1893

[5] Taussky, O, A remark on a theorem by Lyapunov, J. math. anal. appl., 2, 105-107, (1961) · Zbl 0158.28203

[6] Taussky, O, A generalization of a theorem by Lyapunov, J. soc. ind. appl. math., 9, 640-643, (1961) · Zbl 0108.01202

[7] Ostrowski, A; Schneider, H, Some theorems on the inertia of general matrices, J. math. anal. appl., 4, 72-84, (1962) · Zbl 0112.01401

[8] Givens, W, Elementary divisors and some properties of the Lyapunov mapping $X \to AX + XA\^{}\{\}\{*\}$, Argonne natl. lab. report ANL-6546, (1961)

[9] Cauchy, A, Sur l'équation à l'aide de laquelle on détermine LES inégalités séculaires des mouvements des planètes, Ouevres complètes, iie série, 9, 174-195, (1829)

[10] Beckenbach, E.F; Bellman, R, Inequalities, Ergeb. math. u. grenzg. N.F., 30, (1961) · Zbl 0513.26003

[11] Hamburger, H.L; Grimshaw, M.E, Linear transformations in \textit{n}-dimensional vector space, (1951), Cambridge Univ. Press Cambridge · Zbl 0043.32504