

Title Index

- Binary quadratic forms and modules
(Butts, Estes), 153
- Commutator relations, Kato-Taussky-
Wielandt
(Gaines), 127
- Complex matrices, H -stability of
(Carlson), 59
- Critical exponent
(Pták), 245
- Determinantal inequalities
(Fan), 33
- Diagonal matrices
(Wilkinson), 1
- Dieudonné determinant
(Brenner), 511
- Distributive lattice, subadditive functions
on
(Fan), 33
- Dominant-diagonal matrices
(Erdelsky), 203
- Eigenwertproblem, ein inverses
(Hadeler), 83
- Electrical multiterminal networks
(Läuchli), 537
- Finite matrix, the factorization of the
adjugate of
(Taussky), 39
- Fractions, vector continued
(Wynn), 357
- Generalized inverse of a matrix
(Schwerdtfeger), 325
- Generalized inverses of matrices
(Pearl), 571
- Graphs, strongly regular
(Seidel), 281
- Hermitian matrix
(Haynsworth), 73
- Inertia, Sylvester's law of
(Rado), 29
- Iterates, norms of
(Pták), 245
- Jacobi operators
(Henrici, Zimmermann), 489
- Jordan canonical form
(Bückner), 503
- Jordan chains for lambda matrices
(Lancaster, Webber), 563
- Lambda matrices
(Lancaster, Webber), 563
- Least square problem
(Rutishauser), 479
- Leontief substitution systems
(Veinott), 181
- Mathematical programming, pivot theory
of
(Cottle, Dantzig), 103
- Matrices AB and BA
(Thompson), 43
- Matrices, classes of
(Bender), 195
- Matrices, triangularizing by congruence
(Ballantine), 261
- Matrix inequalities
(Marcus, Minc), 421
- Matrix theory
(Mendelsohn), 471
- Minkowski inequality
(Marcus, Pierce), 13
- Modules and binary quadratic forms
(Butts, Estes), 153
- Monotonic functions
(Varga), 329

- Nonnegative matrices
(Ciarlet), 139
- Nonnegatively posed problems
(Varga), 329
- Ostrowski, A., an identity of
(Newman), 317
- Partitioned matrices
(Haynsworth, Ostrowski), 299
- Pivot theory of mathematical programming
(Cottle, Dantzig), 103
- Polynomial factorization
(Fox, Hayes), 445
- Positive definite matrix, some inequalities
for the square root of
(Bellman), 321
- Q - D algorithm
(Fox, Hayes), 445
- Quadratic fields
(Bender), 195
- Quadratic forms, automorphs of
(Tausky), 349
- Quadratic forms, pairs of
(Hestenes), 397
- Quadratic inequalities
(Thompson, McEntegert), 211
- Spectral radius
(Pták), 245
- Stochastic matrices
(Brualdi, Wielandt), 65
- Subadditive functions on a distributive
lattice
(Fan), 33
- Sylvester's law of inertia
(Rado), 29
- Tridiagonal forms of real, nonderogatory
matrices
(Rainey), 465
- Tridiagonal QR algorithm global conver-
gence
(Wilkinson), 409
- Universal algebra problem
(Mendelsohn), 471