

1. Record Nr.	UNISA996466863503316
Titolo	Matrix pencils : proceedings of a conference held at Pite Havsbad, Sweden, March 22-24, 1982 // edited by B. Kagstrom and A. Ruhe
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer-Verlag, , [1983] ©1983
ISBN	3-540-39447-8
Edizione	[1st ed. 1983.]
Descrizione fisica	1 online resource (XI, 297 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 973
Disciplina	518
Soggetti	Matrix pencils Eigenvalues Numerical analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The condition number of equivalence transformations that block diagonalize matrix pencils -- An approach to solving the spectral problem of $A^{-1}B$ -- On computing the Kronecker canonical form of regular $(A^{-1}B)$ -pencils -- Reducing subspaces: Definitions, properties and algorithms -- Differential/algebraic systems and matrix pencils -- Approximation of eigenvalues defined by ordinary differential equations with the Tau method -- The two-sided arnoldi algorithm for nonsymmetric eigenvalue problems -- Projection methods for solving large sparse eigenvalue problems -- The generalized eigenvalue problem in shipdesign and offshore industry — a comparison of traditional methods with the lanczos process -- On the practical use of the lanczos algorithm in finite element applications to vibration and bifurcation problems -- Implementation and applications of the spectral transformation lanczos algorithm -- Preconditioned iterative methods for the generalized eigenvalue problem -- On bounds for symmetric eigenvalue problems -- A method for computing the generalized singular value decomposition -- Perturbation analysis for the generalized eigenvalue and the generalized singular value problem -- A generalized SVD analysis of some weighting methods for equality constrained least squares -- On angles between subspaces of a finite dimensional inner product space -- The multivariate calibration

problem in chemistry solved by the PLS method.

---