

1. Record Nr.	UNISA996466497803316
Titolo	Pade approximation and its applications, Amsterdam 1980 : proceedings of a conference held in Amsterdam, the Netherlands, October 29-31 1980 // edited by M. G. de Bruin, H. van Rossum
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , [1981] ©1981
ISBN	3-540-38606-8
Edizione	[1st ed. 1981.]
Descrizione fisica	1 online resource (VIII, 388 p.)
Collana	Lecture Notes in Mathematics ; ; Volume 888
Disciplina	511.4
Soggetti	Pade approximant
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The long history of continued fractions and Padé approximants -- Efficient reliable rational interpolation -- Non-linear splines, some applications to singular problems -- On the conditioning of the Padé approximation problem -- Pade-approximations in number theory -- Error analysis of incoming and outgoing schemes for the trigonometric moment problem -- Generalized rational correctors -- Sur une généralisation de l'interpolation rationnelle -- Numerical comparison of abstract Pade-approximants and abstract rational approximants with other generalizations of the classical pade-approximant -- Choix automatique entre suites de parametres dans l'extrapolation de richardson -- Quelques resultats sur la structure des tables de pade-hermite -- Approximants of exponential type general orthogonal polynomials -- Multipoint Padé approximants converging to functions of Stieltjes' type -- Pade approximant inequalities for the functions of the class S -- Acceleration of convergence of power iterative process -- Generalized order star theory -- Singularities of functions determined by the poles of Padé approximants -- Pade approximants and related methods for computing boundary values on cuts -- Acceleration de la convergence pour certaines suites a convergence logarithmique -- Difficulties of convergence acceleration -- On the even extension of an M fraction -- Rate of convergence of sequences of pade-type approximants and pole detection in the complex plane -- Recurrence

coefficients in case of Anderson localisation -- Atomic radiative transitions in strong fields via pade approximants -- On two general algorithms for extrapolation with applications to numerical differentiation and integration -- Formally biorthogonal polynomials -- The Padé table and its connection with some weak exponential function approximations to laplace transform inversion -- On some conditions for convergence of branched continued fractions -- Rational interpolation to meromorphic functions.
