

1. Record Nr.	UNISA996466818703316
Titolo	Proceedings of the Third International Conference on Numerical Methods in Fluid Mechanics [[electronic resource]] : Vol. II Problems of Fluid Mechanics // edited by Henri Cabannes, Roger Temam
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1973
ISBN	3-540-38392-1
Edizione	[1st ed. 1973.]
Descrizione fisica	1 online resource (VII, 279 p. 77 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 19
Disciplina	531
Soggetti	Mechanics Classical Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	A numerical method for highly accelerated laminar boundary-layer flows -- Relaxation methods for transonic flow about wing-cylinder combinations and lifting swept wings -- Calcul D'un Ecoulement Viscoelastique Dans une Cavite Carree -- Oscillations Libres d'un Bassin en Rotation -- Numerical approach for investigating some transsonic flows -- The computation of three-dimensional viscous internal flows -- Inviscid reattachment of a separated shear layer -- Time dependent calculations for transonic flow -- Two calculation procedures for steady, three-dimensional flows with recirculation -- Numerical solutions of the supersonic, laminar flow over a two-dimensional compression corner -- Laminar boundary layers with assigned wall shear -- Application de la Methode Hodographique au Traitement des Ecoulements Transsoniques Avec Onde de Choc -- Finite difference treatment of strong shock over a sharp leading edge with navier-stokes equations -- A vortex method for the study of rapid flow -- Numerical studies of the heat conduction equation with highly anisotropic tensor conductivity -- Turbulence transitions in convective flow -- The numerical solution of the vorticity transport equation -- Reflexions D'ondes de Choc Sur L'axe en Ecoulement Permanent de Revolution -- Computational problems in three and four dimensional boundary layer theory -- A direct method for computing the steady

flow at mach number one past a given wing airfoil -- The structure of a reflecting oblique shock wave -- Calculation of separated flows at subsonic and transonic speeds -- Numerical solutions of blast wave propagation problems -- Stratified flow over a vertical barrier -- Developement de la Methode Des Singularites a Repartition Discretisee Pour L'Etude Des Ecoulements Incompressibles et Compressibles -- The numerical solution of convective heat transfer in the space shuttle base region by Telenin's method -- A relaxation method for calculating transonic flows with detached bow shocks -- Transient three-dimensional fluid flow in the vicinity of large structures -- Flow patterns around heart valves -- Calcul de L'ecoulement D'un Fluide Visqueux Compressible Autour D'un Obstacle de Forme Parabolique -- Solutions Numeriques des Equations de Navier-Stokes Pour les Ecoulements en Couches Visqueuses -- Numerical simulation of small-scale thermal convection in the atmosphere -- Some comparisons between mixing-length and turbulent energy equation models of flow above a change in surface roughness -- Numerical solution of the unsteady navier-stokes equations in curvilinear coordinates: The hypersonic blunt body merged layer problem -- Probleme de Mecanique des Fluides, non Lineaires, Stationnaires en Meteorologie.
