

Acta Numerica 1995

CONTENTS

Sequential quadratic programming

Paul T. Boggs

A taste of Padé approximation

C. Brezinski and J. Van Iseghem

Introduction to adaptive methods for differential equations

Kenneth Eriksson, Don Estep, Peter Hansbo and Claes Johnson

Exact and approximate controllability for distributed parameter systems

R. Glowinski and J. L. Lions

Numerical solutions to free boundary problems

Thomas Y. Hou

Particle methods for the Boltzmann equation

Helmut Neunzert and Jens Struckmeier

The new qd algorithms

Beresford N. Parlett

Acta Numerica is an annual publication containing invited survey papers by leading researchers in a number of areas.

The papers present overviews of recent developments in their area and provide 'state of the art' techniques and analysis.

CAMBRIDGE
UNIVERSITY PRESS

ISBN 0-521-48255-0



9 780521 482554