

CONTENTS

USHIJIMA, Teruo

On the finite element type approximation of semi-groups of
linear operators ... 1

TABATA, Masahisa

L^∞ -analysis of finite element method ... 25

SUZUKI, Takashi

On some approximation theorems of evolution equations of
parabolic type ... 63

NAKAGAWA, Tomoyasu

Transformation-into-finite-domain (TIFD) method for the
finite difference solution to the diffusion equation in R^2 ... 83

IWAMIYA, Toshiyuki, OHARU, Shinnosuke, and TAKAHASHI, Tadayasu

On the semigroup approach to some nonlinear dispersive
equations ... 95

GODA, Katuhiko

A finite difference scheme for the regularized long wave
equation ... 135

WATANABE, Jiro

Approximation of nonlinear problems of a certain type ... 147