

**CONTENTS**

Numerical methods for systems of nonlinear integro-  
parabolic equations of Volterra type  
By IGOR BOGLAEV ..... 309

Boundary integral operator for the fractional Laplacian  
on the boundary of a bounded smooth domain  
By TONGKEUN CHANG ..... 343

$C^{\sigma,\alpha}$  estimates for concave, non-local parabolic equations  
with critical drift  
By HÉCTOR CHANG LARA AND GONZALO DÁVILA ..... 373

Well-posed boundary integral equation formulations and  
Nyström discretizations for the solution of Helmholtz  
transmission problems in two-dimensional Lipschitz  
domains  
By VÍCTOR DOMÍNGUEZ, MARK LYON AND  
CATALIN TURC ..... 395