Contents

K. Nazarova, K. Usmanov
ON A BOUNDARY VALUE PROBLEM FOR SYSTEMS OF INTEGRO-DIFFERENTIAL EQUATIONS WITH INVOLUTION ..... 225

S.N. Kharin, T.A. Nauryz
SOLUTION OF TWO-PHASE CYLINDRICAL DIRECT STEFAN PROBLEM BY USING SPECIAL FUNCTIONS IN ELECTRICAL CONTACT PROCESSES ..................... 237

A. Sirma
ROTHE-MARUYAMA DIFFERENCE SCHEME FOR THE STOCHASTIC SCHRÖDINGER EQUATION ................. 249

M. Koshanova, M. Muratbekova, B. Turmetov
ON PERIODIC BOUNDARY VALUE PROBLEMS WITH AN OBLIQUE DERIVATIVE FOR A SECOND ORDER ELLIPTIC EQUATION ...................... 259

C. Ashyralyyev, A. Gönenç
CRANK-NICOLSON DIFFERENCE SCHEME FOR REVERSE PARABOLIC NONLOCAL PROBLEM WITH INTEGRAL AND NEUMANN BOUNDARY CONDITIONS .................. 273

R. Ashurov, Y. Fayziev
ON SOME BOUNDARY VALUE PROBLEMS FOR EQUATIONS WITH BOUNDARY OPERATORS OF FRACTIONAL ORDER ........................................ 283

A. Ashyralyev, M. Urun
TIME-DEPENDENT SOURCE IDENTIFICATION SCHRÖDINGER TYPE PROBLEM ............................. 297

D. Belakroum
NUMERICAL APPROXIMATION METHOD FOR THE SPACE-DEPENDENT TELEGRAPH PROBLEM ............................. 311

A. Ashyralyev, A. Taskin
POSITIVITY OF THE DIFFERENCE NEUTRON TRANSPORT OPERATOR .......................................... 325

V. Vasilyev, S. Kutaiba
ELLiptic EQUATIONS IN DOMAINS WITH CUTS: CERTAIN EXAMPLES .............................. 339

(Continued on backpage)
<table>
<thead>
<tr>
<th>Authors</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.E. Kanetov, N.A. Baigazieva, N.I. Altybaev</td>
<td>ABOUT UNIFORMLY $\mu$-PARACOMPACT SPACES</td>
<td>353</td>
</tr>
<tr>
<td>M. Ashyraliyev</td>
<td>ON HYPERBOLIC-PARABOLIC PROBLEMS WITH INVOLUTION AND NEUMANN BOUNDARY CONDITION</td>
<td>363</td>
</tr>
<tr>
<td>B.I. Islomov, Y.K. Alikulov</td>
<td>BOUNDARY VALUE PROBLEM FOR LOADED EQUATION OF PARABOLIC-HYPERBOLIC TYPE OF THE THIRD ORDER IN AN INFINITE THREE-DIMENSIONAL DOMAIN</td>
<td>377</td>
</tr>
<tr>
<td>K. Belakroum</td>
<td>ON THE STABILITY OF NONLOCAL BOUNDARY VALUE PROBLEM FOR A THIRD ORDER PDE</td>
<td>391</td>
</tr>
<tr>
<td>A.S. Erdogan</td>
<td>NUMERICAL SOLUTION OF A PARABOLIC PROBLEM WITH INVOLUTION AND NONLOCAL CONDITIONS</td>
<td>401</td>
</tr>
<tr>
<td>A. Ashyralyev, Y. Sozen, F. Hezenci</td>
<td>ON BITSADZE-SAMARSKIType ELLIPTIC DIFFERENTIAL PROBLEMS ON HYPERBOLIC PLANE</td>
<td>411</td>
</tr>
</tbody>
</table>