

INSTITUTE OF HYDROMECHANICS
OF THE NATIONAL ACADEMY OF SCIENCES OF UKRAINE

HYDRODYNAMICS AND ACOUSTICS

SCIENTIFIC JOURNAL

Printed Media Identifier: R30-03437

ISSN 2616-6135 $\diamond$ e-ISSN 2616-8545

IS PUBLISHED SINCE 2018

2024 $\diamond$ VOLUME 3(93) $\diamond$ ISSUE 4

CONTENTS

<i>V. T. Grinchenko</i> Editor's foreword	335
<i>T. S. Krasnoplolskaya, V. D. Pechuk</i> Dynamics of cross-waves in finite rectangular tanks	336
<i>O. G. Stetsenko, V. M. Ilchenko</i> Applying the velocity potential of a two-source system to the problem of a thin ship moving in a rectangular channel with time-varying speed	359
<i>I. V. Vovk, V. S. Malyuga</i> Analyzing the features of self-excited oscillations generated by the flow past a circular cylinder with a splitter plate	385
<i>V. A. Voskoboinick, V. T. Grinchenko, O. A. Voskoboinyk, A. V. Voskobiinyk</i> Space-time characteristics of wall pressure fluctuations on the surface of flexible extended cylinder	412