

**C O N T E N T S**

	page
<b>F. PELLICANO, Y. MIKHLIN</b>	
PREFACE .....	5
<b>M. AMABILI, M. PELLEGRINI, F. PELLICANO</b>	
COMPARISON OF THE THEORY AND EXPERIMENTS FOR NONLINEAR VIBRATIONS OF EMPTY AND FLUID-FILLED CIRCULAR CYLINDRICAL SHELLS: EFFECT OF GEOMETRIC IMPERFECTIONS .....	7
<b>K. AVRAMOV, Y. MIKHLIN</b>	
ANALYSIS OF NONLINEAR NORMAL MODES IN CYLINDRICAL SHELLS .....	33
<b>J. HORÁČEK, I. ZOLOTAREV</b>	
FREE VIBRATION AND STABILITY OF CYLINDRICAL SHELLS IN INTERACTION WITH FLOWING FLUID .....	45
<b>D.A. KOVRIGUINE, A.I. POTAPOV</b>	
TRIPLE-WAVE ENSEMBLES IN A THIN CYLINDRICAL SHELL .....	83
<b>D.A. KOVRIGUINE</b>	
NONLINEAR MULTI-WAVE COUPLING AND RESONANCE IN ELASTIC STRUCTURESHELLS .....	101
<b>V. KUBENKO, V. SAVIN, V. DZYUBA</b>	
DYNAMICS OF SEMI-INFINITE CYLINDRICAL SHELL WITH A LIQUID UNDER ACTION OF OSCILATING SPHERICAL SEGMENT .....	115

<b>L. KURPA</b>		
	THE R-FUNCTION METHOD FOR THE FREE VIBRATION ANALYSIS OF THIN ORTHOTROPIC SHALLOW SHELLS OF ARBITRARY SHAPE .....	131
<b>A. MANEVICH</b>		
	FREE AND FORCED FLEXURAL NONLINEAR OSCILATIONS OF A CIRCULAR RING WITH ACCOUNT OF INTERACTION OF CONJUGATE MODES .....	141
<b>Y. MIKHLIN, T. SHMATKO</b>		
	STABILITY OF REGULAR OR CHAOTIC FORCED VIBRATION MODES OF CYLINDRICAL SHELLS AND ARCHES .....	157
<b>F. PELLICANO, M. AMABILI, M.P. PAÏDOUSSIS</b>		
	STABILITY OF EMPTY AND FLUID-FILLED CIRCULAR CYLINDRICAL SHELLS SUBJECTED TO DYNAMIC AXIAL LOADS .....	169
<b>AUTHOR INDEX</b> .....		187