

CONTENTS

<i>Secțiunea III Inginerie Mecanică Navală</i>			5
1	Nicolae ZIDARU, Mihaela BĂRHĂLESCU	SOME COMMENTS ON METHODS FOR ESTIMATING THE PARAMETERS OF WEIBULL DISTRIBUTION (I)	7-14
2	Nicolae ZIDARU, Mihaela BĂRHĂLESCU	SOME COMMENTS ON METHODS FOR ESTIMATING THE PARAMETERS OF WEIBULL DISTRIBUTION (II)	15-20
3	Nicolae ZIDARU, Mihaela BĂRHĂLESCU	HOW TO USE MICROSOFT EXCEL TO DETERMINE SOME RELIABILITY PARAMETERS	21-28
4	Iordan NOVAC, Ilie PATRICHI, Beazit ALI	SPECIAL PROBLEMS ON THE HYDRODYNAMICS OF THE HIGH SPEED PLANING CRAFT	29-37
5	Iordan NOVAC, Laurențiu CHIOTOROIU, Brândușa CHIOTOROIU, Ilie PATRICHI	GENERAL ASPECTS ON SHIP RESISTANCE IN BLACK SEA WAVES	39-47
6	Laurențiu CHIOTOROIU, Iordan NOVAC	ALGORITHM AND COMPUTER CODES OF SHIP RESISTANCE IN CALM WATER AND WIND CONDITION	49-58
7	Laurențiu CHIOTOROIU	NEW APPROACHES ON TOTAL RESISTANCE USING DISTORTED SHIP MODELS AT TWO SCALES	59-68
8	Feiza MEMET	THE TRIPLE E METHOD AS AN INDICATOR FOR SUSTAINABILITY	69-76
9	Eugen BĂRSAN	HOW MUCH A MARINE OIL SPILL CLEANUP COSTS?	77-86
10	Doina MUNTEANU	PREVENTION AND CONTROL OF AIR POLLUTION FROM SHIPS	87-90
11	Mihaela BĂRHĂLESCU	STRUCTURAL ANALYSIS OF SUPERFICIAL LAYERS OF NAVAL STEEL AS A RESULT OF SPARKLING PROCESSES	91-96
12	Gabriela ZAMFIRESCU	THEORETICAL STUDY CONCERNING CHEMICAL RESISTANCE OF OVER 20% CR HEAT-RESISTANT STEELS	97-100
13	Anca CONSTANTIN, Tamara STANCIU	STEADY FLOW OF GASES THROUGH AN UNDERWATER BREATHING APPARATUS	101-106
14	Tamara STANCIU, Anca CONSTANTIN	IMPURITIES OF AIR SUPPLIED BY THE COMPRESSOR AND THEIR DETERMINATION	107-110

15	Tamara STANCIU, Anca CONSTANTIN	INFLUENCE OF GASES IN DEEP DIVING	111-116
16	Melai BORMAMBET	EXPERIMENTAL STUDIES CONCERNING THE LOW	117-120
17	Cristian TRUȘCĂ	SWAN SPECTRAL MODEL-A TOOL TO ASSESS THE ROMANIAN BLACK SEA NEARSHORE WAVES	121-126
18	Andrei BECHERU, Iordan NOVAC	CHOOSING AND PROJECTING OF THE BOW THRUSTER SYSTEM FOR THE BLACK SEA CAR FERRY	127-134
	<i>Secțiunea IV Informatică, Electrotehnică și Electronică</i>		135
19	Mariana JURIAN, Logica BĂNICĂ	PROJECT SOFTWARE APPLICATIONS FOR ELETRONIC DATA INTERCHANGE IN THE CUSTOM SYSTEM	137-144
20	Mariana JURIAN, Constantin ANTON, Toni Cristian VOICULESCU	COMMUNICATION IN THE PRESENCE OF NOISE	145-150
21	Mariana JURIAN, Dumitru BREBEANU, Constantin ANTON	DATA COMPRESSION USING HUFFMAN CODING	151-158
22	Ion ZAHARIA	PC BASED SPEED CONTROLLING OF A DC MOTOR FOR APLICATIONS ON BOARD SHIP	159-164
23	Gheorghe BORDEA, Vasilica BORDEA	THE RELATIONAL METHOD OF REDUCING AN ORDINARY PETRI NET	165-168
24	George CĂRUNTU	THE MOS-HALL PLATES	169-174
25	George CĂRUNTU, Petre Constantin SECICAR	THE BIPOLAR LATERAL MAGNETOTRANSISTORS	175-180
26	Nicolae BORDEA	MAGNETIC MICROSENSORS IN MOS AND BIPOLARE TECHNOLOGY	181-185
27	Nicolae BORDEA	THE MAGNETIC MICROSENSOR STRUCTURES	187-190
28	Cristian DRAGOMIRESCU, Victor ILIESCU	ANALYSING THE POSSIBLE EVOLUTIONS OF A TRANSMISSION MECHANISM	191-196
29	Ștefan DORDEA	SHIP'S RATE-OF-TURN STEERING CONTROL	197-202
30	Ștefan DORDEA	SHIP'S COURSE PICKED-OFF USING AN INDUCTION SONDE	203-208
31	Ștefan DORDEA	SOLID-STATE DIGITAL GYROCOMPASS FOR MARINE APPLICATION	209-212
32	Gheorghe DUMITRAȘCU, Dumitru DELEANU	ENERGY GENERATION BY MAGNETO-HYDRODYNAMIC METHOD	213-218
33	Violeta CIUCUR	<i>THE WORK IS NOT AVAILABLE</i>	219-222
34	Carmen DUMITRESCU	CONTRIBUTION IN THE	223-230

		PROGRAMMING OF COMPUTER BASED TRAINING	
35	Valentin BOCȘANICI, Constantin ANTON, Dumitru BREBEANU	SPEECH COMPRESSION	231-236
36	Paul ROȘIANU, Valentin BOCȘANICI, Toni Cristian VOICULESCU	SECURE COMMUNICATION SYSTEM BASED ON CHAOS SYNCHRONIZATION USING DSP	237-240
37	Toni Cristian VOICULESCU, Dumitru BREBEANU, Paul ROȘIANU	MEETING THE ENGINEERING CHALLENGES OF VOIP COMMUNICATIONS	241-248
	CONTENTS	249-251
	AUTHORS INDEX	252