FOREWORD		11
1.	THE GENERALIZED PRINCIPLE	
	OF ECONOMIC RATIONALITY	13
1.1	ALTERNATIVES TO THE HOMO ECONOMICUS PARADIGM	14
1.2	MINIMIZATION OF THE SUBJECTIVE PROBABILITY	
	OF ECONOMIC EXTINCTION	16
1.3	PARETO DISTRIBUTION OF THE PROBABILITY	
	OF SURVIVAL	17
1.3.1	FIRST-ORDER PARETO PROBABILITY DISTRIBUTION	17
1.3.2	SECOND-ORDER PARETO PROBABILITY DISTRIBUTION	19
1.3.3	GENERAL PARETO PROBABILITY DISTRIBUTION	20
2.	MODELLING RISK AND HEDGING AGAINST IT	23
2.1	PROBABILITY OF SURVIVAL FOR INCOME	
	AS A RANDOM VARIABLE	26
2.2	FORMULATION OF THE LENINGRAD CASINO PROBLEM	27
2.3	MODEL OF THE ST. PETERSBURG PARADOX	29
3.	MORAL HAZARD AND ADVERSE SELECTION IN THE	
	CONTEXT OF MAXIMIZATION OF THE PROBABILITY	
	OF ECONOMIC SURVIVAL	37

3.1	PRINCIPAL-AGENT MODEL	38
3.1.1	ADVERSE SELECTION	39
3.1.2	MORAL HAZARD	42
3.2	APPLICATION OF GENERALIZED MICROECONOMICS:	
	MAXIMIZATION OF THE PROBABILITY OF ECONOMIC	
	SURVIVAL	44
3.2.1	THREAT TO THE AGENT DUE TO EXTINCTION	
	OF THE PRINCIPAL	44
3.2.2	ADVERSE SELECTION IN THE CONTEXT OF	
	PROBABILITY OF SURVIVAL	45
3.2.3	MORAL HAZARD IN THE CONTEXT OF	
	PROBABILITY OF SURVIVAL	47
3.2.4	COMPARISON OF THE STANDARD HOMO ECONOMICUS	
	WITH A SURVIVAL-PROBABILITY-MAXIMIZING AGENT	48
4.	THE DEMAND FUNCTION IN THE INSURANCE MARKET:	
	COMPARISON OF MAXIMIZATION OF THE PARETO PROBABILITY	
	OF SURVIVAL WITH THE VON NEUMANN-MORGENSTERN EU	
	THEORY AND KAHNEMAN-TVERSKY PROSPECT THEORY	51
4.1	INSURANCE IN THE MODEL OF MAXIMIZATION OF AN AGENT'S	
	PARETO PROBABILITY OF (ECONOMIC) SURVIVAL	51
4.2	INSURANCE DEMAND IN THE VON NEUMANN-MORGENSTERN	
	MODEL OF MAXIMIZATION OF THE EXPECTED UTILITY OF INCOME	
	(EU THEORY)	56
4.3	INSURANCE DEMAND IN THE KAHNEMAN-TVERSKY MODEL	
	(PROSPECT THEORY, PT)	62
4.4	COMPARISON OF THE DEMAND FUNCTIONS	
	OF MODELS A, B, AND C (FROM THE PREVIOUS	
	THREE SECTIONS)	68
5.	MODELLING NON-PROFIT INSTITUTIONS:	
		73
5.1		73
5.2	AN OPTIMIZATION MODEL OF UNIVERSITY BEHAVIOUR	75
5.3	UNIVERSITY SUPPLY FUNCTION	83
6.	BEHAVIOUR OF A FIRM IN A CENTRALLY PLANNED ECONOMY—	
	THE HOMO SE ASSECURANS MODEL	87
6.1	SET OF FEASIBLE PRODUCTION SITUATIONS IN A CENTRALLY	
	PLANNED ECONOMY	88
6.2	THE INDEX PLANNING METHOD AND THE CRITERION OF	
	A PRODUCER IN A CENTRALLY PLANNED ECONOMY	89

6.3	MAXIMIZATION OF THE ABSOLUTE RESERVE	90
6.4	MAXIMIZATION OF THE RELATIVE RESERVE	
	(I.E. MAXIMIZATION OF THE PARETO PROBABILITY	
	OF SURVIVAL IN A CPE)	- 93
7.	MODEL OF AN ECONOMY WITH WIDESPREAD CORPORATE	
	INSOLVENCY	287.74
7.1	THE PROBLEM OF SECONDARY INSOLVENCY	97
7.2	MODELS OF DECISION-MAKING IN AN ECONOMY WITH	
	WIDESPREAD SECONDARY INSOLVENCY	- 99
7.2.1	MODEL A: MINIMAX STRATEGY	102
7.2.2	MODEL B: MINIMUM EXTINCTION RISK STRATEGY	104
8.	THE PRODUCER'S OPTIMUM UNDER INCREASING	
	RETURNS TO SCALE	107
8.1	MODEL A: UNIFORM DISTRIBUTIONS OF THE	
	PROBABILITY OF EXTINCTION W.R.T. PRICE	111
8.2	MODEL B: UNIFORM DISTRIBUTIONS OF THE	
	PROBABILITY OF EXTINCTION W.R.T. PROFITABILITY	113
8.3	MODEL C: NORMAL DISTRIBUTIONS OF THE PROBABILITY	
	OF EXTINCTION W.R.T. PROFITABILITY	115
9.	MODELS OF MARKET ALLOCATION OF EXTERNALITIES,	
	GENERALIZED COASE THEOREM	121
9.1	EMISSIONS PERMIT MARKET	121
9.2	THE COASE THEOREM FOR NEGATIVE EXTERNALITIES	123
9.2.1	THE COASE THEOREM FOR NEGATIVE EXTERNALITIES:	
	THE CASE OF TWO PRODUCERS	124
9.2.2	THE GENERALIZED COASE THEOREM FOR NEGATIVE	
	EXTERNALITIES IN THE CONTEXT OF SURVIVAL PROBABILITY	
	MAXIMIZATION	127
9.2.3	THE COASE THEOREM FOR THE CASE WHERE A PRODUCER	
	HARMS A CONSUMER	132
9.3	THE COASE THEOREM FOR POSITIVE EXTERNALITIES	133
9.3.1	THE GENERALIZED COASE THEOREM FOR POSITIVE	
	EXTERNALITIES AND AGENTS MAXIMIZING THEIR OWN	
	SURVIVAL PROBABILITY	133
9.3.2	SINGLE POSITIVE EXTERNALITY PROVIDER MODEL	134
9.3.3		136
9.4	EFFICIENCY OF ACQUISITION AND TRANSFER OF	
×(0)500	INFORMATION BETWEEN AGENTS THAT DEPEND ON EACH	
	OTHER TO SURVIVE	138

9.4.1	MODEL A: INFORMATION EFFECT = INFORMATION	
	ACQUISITION AND TRANSFER COST	139
9.4.2	MODEL B: INFORMATION EFFECT < INFORMATION	
	ACQUISITION AND TRANSFER COST	142
10.	ALTRUISM AND REDISTRIBUTION INCREASING THE	
	PROBABILITY OF SURVIVAL OF INDIVIDUALS	147
10.1	ALTRUISM AND BELONGING TO THE COMMUNITY	147
10.2	REDISTRIBUTION	149
10.2.1	THE SUPPLY SIDE OF REDISTRIBUTION (THE WILLINGNESS	
	TO FORGO PART OF ONE'S PERSONAL PROSPERITY)	
	DERIVED FROM THE SOCIAL NATURE OF INDIVIDUALS'	
	PREFERENCES	150
10.2.1.1	TAKING INTO ACCOUNT THE INTERESTS OF OTHERS WHEN	
	SUCH ACTION DIRECTLY INCREASES THE PROSPERITY OF THE	
		151
10.2.1.2	THE UNCALCULATED NEEDED TO DO GOOD (HARD-CORE	
		151
		152
	THE URGE OF INDIVIDUALS TO GROUP TOGETHER IN CLUBS	150
		152
	MUTUALITY (SOLIDARITY) OF COMMUNITY MEMBERS RESPECT FOR AUTHORITY	155
	THE WILLINGNESS TO REDISTRIBUTE IN FAVOUR OF PUBLIC	156
10.2.2		157
10.2.3	HYPOTHESES REGARDING THE WILLINGNESS TO	157
10.2.3		158
10.2.4	THE "DEMAND SIDE" OF REDISTRIBUTION:	120
10.2.4		160
10.2.5	EFFICIENCY OF REDISTRIBUTION IN RELATION TO	TOO
10.2.3		162
10.3		167
		168
10.3.2	MODEL OF MINIMIZATION OF THE RISK OF SIMULTANEOUS	100
10.5.2		170
10.4		174
10.5	SOME DEBATABLE PRINCIPLES/RULES OF THE DONOR	114
10.0		178
10.5.1	RESULT OF NON-TRANSFERABILITY OF A SUBSIDY TO THE	110
20.0.2	NEXT PERIOD—OPTIMAL SUBSIDY TIMING MODEL	179
1052		185

CONCLUSION	 193
REFERENCES	199
NAME INDEX	 205