

# Table of Contents

ABOUT THE AUTHORS .....	5
INTRODUCTION AND METHODOLOGY .....	8
CHAPTER 1. GLOBAL CHANGES OF THE ECONOMIC SPACE IN CONDITIONS OF THE WORLD TURBULENCE.....	12
1.1. GLOBALIZATION AND ITS INFLUENCE ON THE WORLD ECONOMY .....	12
1.2. INTERRELATION OF GLOBALIZATION, ECONOMIC INTEGRATION AND ITS OTHER PHENOMENA .....	20
1.3. FORMING THE COMPETITIVE ENVIRONMENT OF HIGH-TECHNOLOGY ENTERPRISES.....	23
CHAPTER 2. ON THE VERGE OF INDUSTRY 4.0.....	28
2.1. CREATING THE PHENOMENON OF INDUSTRY 4.0 IN CONDITIONS OF ECONOMIC DEVELOPMENT.....	28
2.2. INFLUENCE OF INDUSTRY 4.0 ON DEVELOPMENT OF MARKET STRUCTURES .....	33
2.3. INFLUENCE OF MARKET STRUCTURES IN THE ERA OF INDUSTRY 4.0 .....	37
CHAPTER 3. THE LEAN PRODUCTION CONCEPT AS A MODERN MANAGERIAL TECHNIQUE IN THE INNOVATIVE SPHERE .....	45
3.1. INCREASING THE POTENTIAL OF AN ENTERPRISE VIA THE LEAN PRODUCTION CONCEPT .....	45
3.2. IMPROVING THE EMPLOYEE MANAGEMENT SYSTEM DURING IMPLEMENTATION OF THE LEAN PRODUCTION CONCEPT .....	49
3.3. FROM IMPLEMENTING THE LEAN PRODUCTION CONCEPT TO CREATING A LEAN ENTERPRISE.....	55
CHAPTER 4. APPLICATION OF THE LEAN PRODUCTION CONCEPT WHILE FORMING THE VALUE OF A HIGH-TECHNOLOGY BUSINESS .....	68
4.1. INFLUENCE OF THE LEAN PRODUCTION CONCEPT ON FORMING THE MARKET VALUE OF AN ENTERPRISE. ....	68
4.2. WAYS TO ENHANCE THE EFFICIENCY OF MANUFACTURING IN CONDITIONS OF IMPLEMENTING THE LEAN PRODUCTION CONCEPT.....	71
4.3. VALUE APPROACH TO MANAGING HIGH-TECHNOLOGY ENTERPRISE DURING EXTERNAL ENVIRONMENT INSTABILITY.....	91

5.1. LOGISTIC ACTIVITIES AS A TOOL OF MAXIMIZING THE VALUE OF AN ENTERPRISE IN CONDITIONS OF GLOBALIZATION .....	99
5.2. ANALYZING MATERIAL AND INFORMATION FLOWS IN THE LOGISTICS MANAGEMENT SYSTEM .....	106
5.3. PECULIARITIES OF DESIGNING THE STRATEGY OF MANAGING LOGISTICS PROCESSES OF AN INNOVATIVE ENTERPRISE.....	125
5.4. TRANSFORMING THE LOGISTICS MANAGEMENT SYSTEM TO INCREASE THE MARKET VALUE OF THE BUSINESS.....	136
<b>CHAPTER 6. MANAGING VALUE OF UNIDENTIFIABLE INTANGIBLE ASSETS .....</b>	<b>146</b>
6.1. DEFINITION OF THE LEAN PRODUCTION CONCEPT AS AN UNIDENTIFIABLE INTANGIBLE ASSET .....	146
6.2. FORMING KEY INDICATORS AND THE STRUCTURE OF CALCULATING THE VALUE OF THE BUSINESS .....	151
6.3. THE APPROACH TO DEVELOPMENT OF ALGORITHMS OF FORMING AND EVALUATING THE MARKET VALUE OF AN INNOVATIVE BUSINESS.....	155
6.4. EVALUATING THE MARKET VALUE OF AN INTELLECTUAL ASSET WHILE REALIZING THE LEAN PRODUCTION CONCEPT .....	159
6.5. THE METHOD FOR CALCULATING PERFORMANCE INDICATORS OF A COMPANY IMPLEMENTING THE LEAN PRODUCTION CONCEPT.....	169
<b>CASE.....</b>	<b>174</b>
<b>REFERENCES .....</b>	<b>190</b>
<b>SUMMARY.....</b>	<b>201</b>
<b>INDEX .....</b>	<b>202</b>