

CONTENT

INTRODUCTION	7
1 LITERARY REVIEW	9
1.1 Industrial Revolution of the 21 st Century	10
1.2 Conceptual Framework for Industry 4.0	13
1.3 The Role of Digital Technologies in the Era of Industry 4.0	16
1.4 Digital Transformation of Logistics – Logistics 4.0	21
2 GOALS OF THE SCIENTIFIC MONOGRAPH	31
2.1 The Main Goal and Secondary Goals	31
2.2 Research Questions and Research Hypotheses	32
3 RESEARCH METHODOLOGY AND RESEARCH METHODS	37
3.1 Research Design	37
3.2 Data Collection Methods and Tools for Research	39
3.3 Research Methods	41
4 RESEARCH RESULTS OF THE SCIENTIFIC MONOGRAPH	43
4.1 Descriptive Analysis of Research Participants	43
4.2 The Role of Digital Transformation in Logistics in the Analysed Companies	48
4.3 The Status of the Implementation of Industry 4.0 in the Logistics of the Analysed Companies	53
4.4 Exploratory Data Analysis in Quantitative Research	58
5 DISCUSSION	71
5.1 Delineation of the Research Limits	76
CONCLUSION	77
REFERENCES	80