

ACCOUNTING DIGITALIZATION AND SOCIAL WELFARE: AN ECONOMIC UTILITARIAN PERSPECTIVE ON INDUSTRY 4.0

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Abstract: *The Fourth Industrial Revolution marks a point of reorganization in how technologies shape the economic, social, and political environments of global society. At the heart of this analysis is the reassessment of the role of accounting within socio-political-economic systems in the context of Industry 4.0. Against this background, economic utilitarianism proves to be a valuable tool for assessing the impact of these technologies. This article examines the complex interactions between the Fourth Industrial Revolution in accounting and socio-political-economic systems. The research reflects how the application of economic utilitarianism can reassess the moral, ethical, and legal dimensions of new technologies in accounting. Through case studies and theoretical model analysis, a comprehensive understanding of these dynamics is developed, providing academic insights and practical guidelines for the ethically responsible application of these technologies.*

Keywords: accounting, Industry 4.0, utilitarianism, ethics, regulation

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