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Research Idea

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Abstract

The theoretical frameworks that are used to study phenomena involving information technology (IT) sometimes need to be revised to better fit the characteristics of evolving or emerging IT innovations. In this paper, we make the claim that the fast diffusion of sophisticated and adaptative algorithmic intelligence, and with it, our increased reliance on highly automated decision-making systems calls for a revision to the IT adoption paradigm. We present the key rationales to such a claim and formulate questions to facilitate a productive debate on the matter.

Keywords: algorithmic intelligence, automated decision-making, IS/IT adoption, responsible adoption.