

Ethical Implications of Autonomous Systems

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Abstract. As autonomous systems become more prevalent, ethical considerations are increasingly important. This paper explores the ethical implications associated with the deployment of autonomous technologies, such as self-driving cars and drones. By examining current frameworks and proposing new guidelines, the study aims to address the moral challenges posed by these systems and ensure their responsible integration into society.

Keywords: autonomous systems, ethical implications, self-driving cars, drones, technology integration

Introduction

Autonomous systems, including self-driving cars and drones, are rapidly becoming integral parts of modern technology landscapes. However, their deployment raises significant ethical concerns that must be addressed to ensure responsible usage. This paper investigates the ethical implications of autonomous technologies, focusing on existing frameworks and proposing new guidelines to navigate moral challenges. By analyzing case studies and regulatory approaches, this study seeks to provide a comprehensive understanding of the ethical issues associated with autonomous systems. The research emphasizes the necessity of developing robust ethical guidelines to support the integration of these technologies into society in a manner that reflects societal values and priorities.

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