Autonomous Vehicles and Intelligent Transport Systems

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Abstract*: This research paper explores the dynamic and rapidly evolving fields of autonomous vehicles (AVs) and intelligent transport systems (ITS). These technologies promise to revolutionize transportation by enhancing safety, efficiency, and sustainability. The paper delves into the current state of AVs and ITS, their potential benefits, challenges, and future prospects. Through an extensive literature review, this study examines various perspectives and findings from researchers, policymakers, and industry experts. The research methodology includes qualitative analysis through literature review and quantitative analysis of existing data on AVs and ITS implementation. The findings underscore the transformative impact of these technologies while highlighting the need for robust policy frameworks, technological advancements, and public acceptance*

Keywords: intelligent transport systems