عنوان مقاله:

Designing Next-Generation Intelligent Vehicles with Artificial Intelligence

نویسنده:

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خلاصه مقاله:

This paper delves into the transformative realm of automotive design, focusing on the integration of Artificial Intelligence (AI) in crafting next-generation intelligent vehicles. The incorporation of AI technologies revolutionizes traditional paradigms, enhancing vehicle capabilities in terms of safety, efficiency, and user experience. We explore innovative methodologies driving the design process, emphasizing the seamless integration of AI algorithms for autonomous driving, predictive maintenance, and adaptive user interfaces. In the era of smart mobility, the synergistic fusion of these technologies promises to redefine the future of transportation. AI-driven vehicles are poised to introduce unprecedented levels of intelligence, adaptability, and efficiency, addressing contemporary challenges in the automotive landscape. By investigating and embracing these advancements, this paper contributes to the ongoing discourse on the pivotal role of Artificial Intelligence in shaping the trajectory of next-generation intelligent vehicles and their impact on the evolving landscape of smart mobility.

کلمات کلیدی:

Automotive Design، Vehicles، Artificial Intelligence،Autonomous Driving

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