

Design of car parking assistance device

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Abstract: In the context of increasingly vibrant urban areas and complex traffic, finding parking spaces for cars has become an urgent issue. This topic focuses on designing an automatic parking assistance system to improve the efficiency of parking space utilization and enhance user safety. Through theoretical research, experimental analysis, and application deployment, the topic aims to contribute new solutions to the automotive industry and improve the quality of life in urban areas.

Keywords: parking assistance, automated system, parking space, traffic safety, urbanization