

Design of control and monitoring interface for autonomous vehicle model

Do Minh Hoang

Abstract: This topic focuses on designing a control and monitoring interface for an autonomous vehicle model system. In the context of the growing development of automotive technology, an effective solution is needed to manage and control the operations of autonomous vehicles. The main objective is to build an intuitive and user-friendly interface that provides detailed information about the current status of the autonomous vehicle, such as speed, position, system condition, etc. The research methodology includes analyzing existing interface designs, synthesizing information from various sources, and implementing an experimental solution on a test model. The significance of the topic lies in improving the operational performance and safety of autonomous vehicles through strong support from the monitoring system.

Keywords: Control Interface, Autonomous Vehicle Monitoring, Automotive Technology