

Design and construction of a speed control system for electric vehicles

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Abstract: This topic aims to design and implement an intelligent speed control system for electric vehicles, meeting the need for energy optimization and improved operational performance. Through a combination of theoretical research and experimentation on a test model, the topic identifies effective control algorithms and integrates them into a modern electric vehicle control system. This result not only contributes to the development of electric vehicle technology but also provides a practical solution for the transportation industry in the era of sustainable energy.

Keywords: Control system, Electric vehicle, Speed control technology, Energy optimization, Model testing