

Research on Electric Motor Control Technology and Its Application in Electric Vehicles

Nguyen Thi Long

Abstract: In the rapidly developing context of the automotive industry, research on electric motor control technology is becoming increasingly important. This topic aims to address the performance and energy issues of electric vehicle systems by developing an advanced control method for electric motors. By combining theoretical research with experimental implementation, this topic not only provides new insights into control technology but also makes a significant contribution to the sustainable development of the electric vehicle industry.

Keywords: Electric motor, Control technology, Electric vehicle, Renewable energy, Drive system