

Research on light intensity control methods

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Abstract: This topic aims to research and develop effective light intensity control methods in practical applications. The reason for choosing this topic stems from the necessity of improving image quality and performance of modern optical signal transmission systems. The main objective is to build a theoretical model along with advanced control methods verified through experimentation. The research methodology includes both theoretical analysis and practical testing to evaluate the stability and performance of the proposed algorithms. The expected result is to provide useful solutions for optimizing light intensity management, contributing to the development of optical signal transmission technology.

Keywords: Light control, Intensity management, Signal transmission technology, Experimental analysis, Image optimization