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Influence of Double Feedback on Stationary States of Quantum Dots Lasers

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Abstract

We report in this paper the results of theoretical investigations of the influence of double feedback on the stationary states of quantum dots lasers. The Bloch equations model was used to simulate and analyze these states. We have identified the distribution of external cavity modes varying the feedback strength.

Keywords: Double feedback, Quantum dots lasers, Stationary states, External cavity modes

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