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QPVSHFWUDQJH Keywords: Semiconductor Optical Amplifier, Quantum-well Hetero-structure, Tunable Laser. 1. Introduction Investigations Of Semiconductor Optical Amplifiers (SOAs) Began Soon After The Advent Of Semiconductor Lasers [1, 2]. To Realise SOAs, Various Methods For Suppression Of A Positive Optical Feedback In Laser Diodes Were Elaborated. 3th, 2024.

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