



Quantum Dot Semiconductor Optical Amplifiers - Physics and Applications

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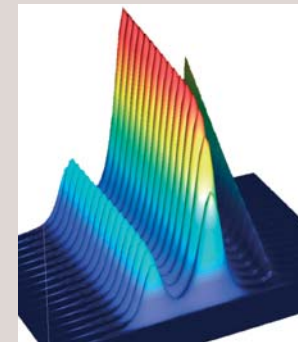


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Tommy W. Berg

Quantum Dot Semiconductor Optical Amplifiers

Physics and Applications



Tommy W. Berg

Tommy W. Berg started his engineering studies at the Technical University of Denmark in 1995 and received a Master of Science degree in electrical engineering in 2000. During this time Tommy specialized in optical communication and semiconductor physics. The studies included a 7 month visit to University of California, Santa Barbara where he worked with Prof. Daniel Blumenthal and co-workers on experimental and theoretical characterisation of semiconductor quantum dots.

In 2000 Tommy began pursuing the Ph.D. degree at COM, Technical University of Denmark on the topic 'Optoelectronic components based on quantum structures'. During this period the work focused on the investigation of the properties of quantum dot based semiconductor optical amplifiers and the degree was received in 2004.

After the Ph.D. studies Tommy has been employed at COM as an assistant Professor, where the work from the Ph.D. has been continued.

TOMMY W. BERG QUANTUM DOT SEMICONDUCTOR OPTICAL AMPLIFIERS
PHYSICS AND APPLICATIONS