364. Title:Interaction of terahertz radiation with semiconductors

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Source title:Physica Status Solidi (C) Current Topics in Solid State Physics

Volume:8 Issue:4

Issue date:April 2011 Publication year:2011 Pages:1198-1203

Language:English

Document type: Journal article (JA)

Publisher: Wiley-VCH Verlag, P.O. Box 101161, Weinheim, D-69451, Germany

Abstract: The microscopic theory of the interaction of terahertz radiation with semiconductors is reviewed. The theory is applied to analyze the intersubband terahertz response of optically excited semiconductor quantum wells.