

Contribution ID: 311

Type: Poster Presentation

Intervalley and Intravalley Scattering in Diamond Structure, Si and Ge

Wednesday, 13 July 2011 17:00 (2 hours)

Optical selection rules for the intervalley scattering for direct and indirect transitions are investigated. The non-zero matrix elements of the scattering tensors are derived by the method of vector coupling coefficients. These coefficients are needed for the understanding of Gunn effect.

Level (Hons, MSc,
> PhD, other)?

MSc

Consider for a student
 award (Yes / No)?

Yes

Would you like to
 submit a short paper
 for the Conference
 Proceedings (Yes / No)?

Yes

Primary authors: Dr MACHATINE, Augusto (University of Pretoria); Mr NIYONGABO, Prime (University of

Pretoria)

Co-authors: Prof. KUNERT, Herbert (University of Pretoria); Mr MAPINGIRE, Hezekia (University of Preto-

ria)

Presenter: Dr MACHATINE, Augusto (University of Pretoria)

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