

Abstracts

Field Effects on Picosecond Photoconductive Switch

Y. Lu. "Field Effects on Picosecond Photoconductive Switch." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 299-302.

A new rigorous method which successfully incorporate the ensemble Monte Carlo technique with time-domain finite difference method of solving time varying Maxwell's equations is presented. Interactions between electromagnetic fields and carrier transport properties have been studied and fields effects on picosecond photoconductive switch have been revealed.

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