

Determination of Trapping Time Constants in Neutron Irradiated Thin Epitaxial Pad Detectors

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Due to the thickness and therefore very short signal length, the classic analysis techniques (ECC, CCM) failed for the determination of trapping times. We presented a method which allows to extract the trapping time constant without a time resolved signal. The method is a combination of simulation and measurement of the charge collection of an irradiated pad detector.

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