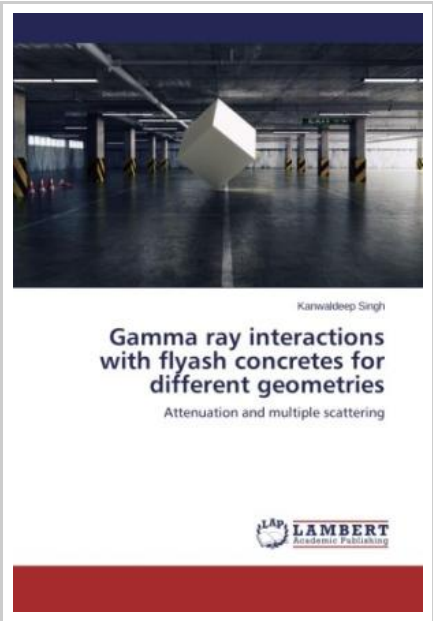

Gamma ray interactions with flyash concretes for different geometries

By Kanwaldeep Singh

LAP Lambert Academic Publishing Aug 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - Different materials differ in their radiation shielding ability along with the cost, efficiency, space and ecology considerations. The only practical shielding material satisfying these requirements is concrete. The most costly and energy intensive component of concrete is cement and needs to be replaced by a pozzolanic material. So the radiation shielding properties of different series of concretes having varying flyash content (with different chemical admixtures) have been studied for different geometries with different energy photons. The safe disposal problem of flyash, encountered by thermal power stations can also be solved to quite an extent. So its usage in concrete can lead to dual advantage. The present book is an attempt for elaborating the radiation interaction parameters describing attenuation and multiple scattering of photons for narrow and broad beam geometry setup as the layout of any experiment describes whether the Compton scattered photons are able to reach the detector or they get eliminated from the beam. The shielding for setup placed was able to create safe working conditions for experimenting with gamma sources of high activity...

Reviews

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Very helpful to all type of individuals. It really is rally interesting throgh looking at time. Its been designed in an extremely basic way which is just soon after i finished reading this pdf through which basically modified me, change the way i believe.

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