Evaluation of Protective Shielding Thickness for Diagnostic Radiology Rooms

P.R.Costa ¹andLindaV.E.Caldas²

Abstract: This work presents contributions for the new methods for diagnostic X-ray shielding design which has been recently introduced in order to revise the NCRP 49 recommendations. The developed method uses information regarding spectral distributions of radiations cattered by a phantom to allow the determination of ambient dose equivalents in X-ray rooms.