

S-METHOD FOR EVENT LOCALIZATION IN ANGER TYPE GAMMA CAMERA

A. M. Sokolov

New S-method for gamma-quantum coordinate estimation in Anger type tomography gamma-camera is briefly described. S-method uses special metric and provides for gamma-camera large field of view. Comparison with well known and widely used methods for event localization like Anger approach and maximal likelihood (ML) and allied approaches is made and some results are shown.

Keywords: tomography, gamma-camera, event positioning, method.