

A SOLUTION OF THE YIELD EQUATION
IN THE PROBLEM OF ANALYSIS
OF BACKSCATTERING SPECTRA. 2

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S u m m a r y

A procedure for solving the yield equation in the problem of analysis of the ideal backscattering spectrum is elaborated. This procedure is based on the concept of yield equation which was introduced in [1] and uses the idea of a projection of the multichannel analyzer scale into the target. It is shown that this idea enables one to represent, in an easy-to-use form, those properties of the problem under study that depend on the discretization of various continuous variables in the "depth – energy" plane. A comparison with data reported in the literature shows that the procedure proposed for solving the equation of yield in the spectrum analysis has certain advantages over the traditional approach.