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Golovanova Nina F., Golovanov Anton A., The Moscow State Textile Academy, Russia

Solution of the T-matrixs equation by the eikonal expansion method

It is unsuccessfully to obtain by traditional methods the analytically solution of the main in quantum scattering theory T-matrixs equation $\mathbf{T} = \mathbf{V} + \mathbf{V}\mathbf{G}_0\mathbf{T}$, if the interaction is strong. This equations solution that is grounded on the eikonal expansion and is valid for the wide variety in the potentials V and Green functions $\mathbf{G}_0$ will be presented. Some moments of that in the special case were published in Reference. Reference: N. F. Golovanova, V. Iskra, Description of elastic medium-energy proton-proton scattering in a wide range of angles, Phys. Lett. (1987) v. 187, n 1,2, 7-11.