

Once subtracted dispersion relation in description of the $\pi\pi$ D -wave amplitudes

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Once subtracted dispersion relation with imposed crossing symmetry condition are applied in description of the $\pi\pi$ D wave amplitudes. Equations similar to those presented in [1] and to those with two subtractions (the Roy's equations) are derived. We show that they impose strong constraints on experimental data and model amplitudes. Therefore, together with GKPY equations presented in [1], these relations can be efficiently used to test the $\pi\pi$ amplitudes in the S , P and D wave.

[1] R. Kamiński *et al.*, Nucl. Phys. Proc. Suppl. 186, 318 (2009).

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