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Formation and deformation of the $\psi(3770)$

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Unexpected line-shapes disclose information about the non-perturbative mechanisms involved in the formation of a mesonic resonance. We study the non-Breit-Wigner amplitude of the $\psi(3770)$ using an unitarized effective Lagrangian approach, including the effect of the nearby threshold $D\bar{D}$. Possible contributions are analyzed and discussed.

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