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Brief review of using exact results of axial anomaly for studying $\gamma\gamma^{(*)}$ and γZ^0 processes

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In this talk an overview is presented of a method based on the use of exact axial anomaly relations for investigating transition form factors $\pi^0, \eta, \eta' \to \gamma\gamma^{(*)}$ in the both space- and time-like regions. This method allows to examine the nonperturbative gluon matrix element $\langle 0|G\tilde{G}|\gamma\gamma^{(*)}\rangle$ and obtain and describe main features of this matrix element. This method can be applied to study another processes, like $\pi^0, \eta \to \nu\bar{\nu}\gamma$ Dalitz decays.

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