

XXV International Baldin Seminar on High Energy Physics Problems
"Relativistic Nuclear Physics and Quantum Chromodynamics"



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Radiative decay of pseudoscalar mesons in relativistic quark model

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In the relativistic quark model, based on point form of Poincaré-invariant quantum mechanics, the form-factors of pseudoscalar meson radiative decay $P^\pm(g\bar{Q}) \rightarrow \ell^\pm \nu_{\ell^\pm} \gamma$ are investigated. It's show that taking into account constituent quark structure functions leads to numerical evaluation close to modern experimental data.

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