## **Radiative Decays of Vector and Pseudoscalar Nonets**

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In [1,2,3], an effective field theory was proposed in which light pseudoscalar and vector mesons are treated on equal footing. This approach is extended here to systematically include the pseudoscalar singlet. Within this framework, we recalculate Dalitz decays of  $\omega$ -,  $\phi$ -,  $\pi^0$ -,  $\eta$ - and  $\eta'$ -mesons and the corresponding form factors in leading order. For the  $\omega \to \pi^0$  form factor, data were taken by the NA60 collaboration [4]. Our approach describes these data much better than the standard-vector-meson-dominance model. Furthermore, the decay widths (normalised to two-body decays) for the processes  $\omega$ -meson into dilepton and pion,  $\phi$ -meson into dielectron and  $\eta$ -meson and  $\eta$ -meson into dilepton and real photon agree well with the experimental data. Besides, decay widths and form factors for the decays of  $\eta'$ -meson into dielectron and  $\omega$ -meson and of  $\phi$ -meson into dimuon and  $\eta$ -meson can be predicted.

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