Hadron Decay Processes and the Quark Model.

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Formula (8) on p. 625 should read

$$f_M = \frac{G'_A}{G'_V} 2 \frac{\psi_M(0)}{m_M^{\frac{1}{2}}} = 1.4 \frac{\psi_M(0)}{m_M^{\frac{1}{2}}} .$$

The expressions for a_{1V} and a_{2V} on the bottom of p. 630 should read

$$a_{1V} = \frac{1}{k_1^2 + m_V^2} \varepsilon_{\alpha\beta\gamma\mu}\varepsilon_{\alpha'\beta'\gamma'\mu} q_\alpha^{(1)} \varepsilon_\beta^{(1)} k_{1\gamma} q_{\alpha'}^{(2)} \varepsilon_{\beta'}^{(2)} k_{1\gamma'} ,$$

$$a_{2V} = \frac{1}{k_2^2 + m_V^2} \varepsilon_{\alpha\beta\gamma\mu}\varepsilon_{\alpha'\beta'\gamma'\mu} q_\alpha^{(2)} \varepsilon_\beta^{(2)} k_{2\gamma} q_{\alpha'}^{(1)} \varepsilon_{\beta'}^{(1)} k_{2\gamma'} .$$

Figure 2 on p. 632 is upside-down.

The partial widths for the η quoted at the bottom of p. 638 do not include any η-η' mixing, except for $\Gamma_{\eta\to2\gamma}$.

With a mixing angle of $-10°$ (see p. 634), we get then

$$\Gamma_{\eta\to2\pi+\gamma} = 1.6\cdot10^{-4}\,\text{MeV without mixing}$$

and

$$\Gamma_{\eta\to2\pi+\gamma} = 2.0\cdot10^{-4}\,\text{MeV with mixing} .$$

The values for branching ratios including mixing become

$$\Gamma_{\eta\to2\gamma} : \Gamma_{\eta\to\pi+2\gamma} : \Gamma_{\eta\to2\pi+\gamma} = 1 : 0.7\cdot10^{-3} : 0.19 .$$

We regret that the v-spin operator was represented by the symbol σ, instead of v in formulas (1), (2) and (3) on p. 622 and 623. The σ symbol used here is hard to distinguish from the bold-faced $\boldsymbol{\sigma}$ which represents the ordinary spin.

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