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Errata

I would like to thank Dr. David Gordon for communications bringing these errors to my attention, and for sending me a report of his work with H. G. Dosch.¹

¹H. G. Dosch and D. Gordon, this issue, Phys. Rev. **168**, 1817 (1968).

Current-Algebra Sum Rules for States of Arbitrary Mass and Spin, MYRON BANDER [Phys. Rev. **160**, 1416 (1967)]. In deriving the sum rules by the $P \rightarrow \infty$ method, a Wigner rotation has been left out. This changes Eqs. (23) and (24) to

$$\begin{aligned} & \frac{t}{T^2(m)} \int \frac{d\nu}{\sin^2 \theta_t(\nu)} \\ & \times \left\{ \left(\frac{1 - \cos \theta_t(\nu)}{\sin \theta_t(\nu)} \right)^{\lambda_1 + \lambda_2} a^{\bar{\alpha}\beta}_{(1,+), (1,-); \lambda_1, -\lambda_2}(\nu, t) \right. \\ & \left. + \left(\frac{1 + \cos \theta_t(\nu)}{\sin \theta_t(\nu)} \right)^{\lambda_1 + \lambda_2} a^{\bar{\alpha}\beta}_{(1,-), (1,+); \lambda_1, -\lambda_2}(\nu, t) \right\} \\ & = \frac{2\pi f^{\alpha\beta\gamma}}{(2m_1^2 + 2m_2^2 - t)^{1/2}} \left[\Gamma_{\lambda_1, \lambda_2}{}^0; \gamma(t) \right. \\ & \quad \left. - \frac{m_1^2 - m_2^2}{T(m)} \Gamma_{\lambda_1, \lambda_2}{}^z; \gamma(t) \right] \quad (23) \end{aligned}$$

and

$$\begin{aligned} & \frac{\sqrt{t}}{T(m)} \int \frac{d\nu}{\sin^2 \theta_t(\nu)} \\ & \times \left\{ \left(\frac{1 - \cos \theta_t(\nu)}{\sin \theta_t(\nu)} \right)^{\lambda_1 + \lambda_2} a^{\bar{\alpha}\beta}_{(1,+), (1,-); \lambda_1, -\lambda_2}(\nu, t) \right. \\ & \left. - \left(\frac{1 + \cos \theta_t(\nu)}{\sin \theta_t(\nu)} \right)^{\lambda_1 + \lambda_2} a^{\bar{\alpha}\beta}_{(1,-), (1,+); \lambda_1, -\lambda_2}(\nu, t) \right\} \\ & = \sqrt{2}\pi f^{\alpha\beta\gamma} [\Gamma_{\lambda_1, \lambda_2}{}^{+}; \gamma(t) + \Gamma_{\lambda_1, \lambda_2}{}^{-}; \gamma(t)]. \quad (24) \end{aligned}$$

The right-hand side of Eq. (29) should read

$$\begin{aligned} & \frac{-2f^{\alpha\beta\gamma}}{(2m_1^2 + 2m_2^2 - t)^{1/2}} \left[\Gamma_{\lambda_1, \lambda_2}{}^0; \gamma(t) - \frac{m_1^2 - m_2^2}{T(m)} \Gamma_{\lambda_1, \lambda_2}{}^z; \gamma(t) \right. \\ & \quad \left. - \left(1 - \frac{(m_1^2 - m_2^2)^2}{T^2(m)} \right)^{1/2} \Gamma_{\lambda_1, \lambda_2}{}^x; \gamma(t) \right]. \end{aligned}$$