

ERRATUM

Pramāṇa Vol. 2, 62 (1974): Analysis of the neutral-current interaction in the inclusive neutrino reaction.

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1. The statement in section 2 to the effect that we cannot detect scalar or tensor parts of the neutral current by using the neutrinos or antineutrinos produced in the conventional charged-current decay modes is not correct, for the neutral-current interaction may flip the helicity of the incident neutrino. This does not affect our analysis of the hadronic neutral current however, although we now have to assume that the neutrino is a two-component field.

2. Equation (13a) should read as

$$C = \frac{2}{\pi} m_w$$