TABLE II. Predicted relative coupling constants, branching ratios, and angular parameters.

Decay	Relative coupling constants $V_{ch}(0)$	$V_{magn}(0)$	$A(0)$	Branching ratio	Angular parameters α_{AB}	α_{Al}	$\alpha_{A\nu}$
$n \rightarrow pe^-\nu$	0.978	0.978	1.138 ± 0.026	1	-0.50	-0.06	0.99
$\Lambda \rightarrow pe^-\nu$	-0.258	-0.125	-0.213	$(0.87\pm0.03)\times10^{-3}$	-0.54	0.06	0.99
$\Lambda \rightarrow p\mu^-\nu$	±0.005	±0.003	±0.007	$(1.48\pm0.05)\times10^{-4}$	-0.41	-0.08	0.99
$\Sigma^- \rightarrow ne^-\nu$	-0.211	$+0.116$	$+0.103$	$(1.29\pm0.13)\times10^{-3}$	0.77	-0.81	-0.29
$\Sigma^- \rightarrow n\mu^-\nu$	±0.004	±0.002	±0.022	$(0.62\pm0.06)\times10^{-3}$	0.70	-0.63	-0.31
$\Sigma^- \rightarrow \Lambda e^-\nu$	0	$+0.618$	$+0.618$	$(0.70\pm0.04)\times10^{-4}$	0.09	-0.71	$+0.64$
$\Sigma^+ \rightarrow \Lambda e^+\nu$		±0.001	±0.022	$(0.21\pm0.01)\times10^{-4}$	-0.08	0.70	-0.64
$\Xi^- \rightarrow \Lambda e^-\nu$	$+0.258$	-0.0084	$+0.043$	$(0.43\pm0.03)\times10^{-3}$	-0.37	0.19	0.40
$\Xi^- \rightarrow \Lambda\mu^-\nu$	±0.005	±0.0003	±0.005	$(0.12\pm0.01)\times10^{-3}$	-0.31	0.12	0.39
$\Xi^0 \rightarrow \Sigma^+e^-\nu$	$+0.211$	$+0.211$	$+0.312$	$(0.31\pm0.04)\times10^{-3}$	-0.38	-0.28	0.96
$\Xi^0 \rightarrow \Sigma^+\mu^-\nu$	±0.004	±0.004	±0.007	$(0.24\pm0.04)\times10^{-5}$	-0.18	-0.13	0.97

Using the values (10) and (11), this relation gives us the value

$$\sin^2\theta_A{}^{(B)} = 0.108\pm0.005\,,$$

which is several standard deviations outside the region allowed by the experimental results.

The induced pseudoscalar term contributes 2–3% to the axial-vector part of the rate for decays involving the emission of a muon. However, with the data used here, the influence of the pseudoscalar term on the values (12) is negligible (a fraction of 1%). Hence, a possible break-down of the Goldberger-Treiman relation involving strangeness-changing currents[35] will not affect the values (12), although some of the results given in Table II and in Figs. 2–4 might be changed by a few percent.

[35] C. Kacser, P. Singer, and T. N. Truong, Phys. Rev. **137**, B1605 (1965); **139**, AB5(*E*) (1965).

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Errata

Sum Rules for the Axial-Vector Coupling Constant Renormalization in β Decay, STEPHEN L. ADLER [Phys. Rev. **140**, B736 (1965)]. In Eqs. (73) and (77), the coefficient of the isospin-2 cross section $\sigma_\pi{}^{t,2}$ should be $\frac{5}{3}$ rather than $\frac{2}{3}$. None of the conclusions of Sec. IV is changed. I wish to thank Dr. A. N. Kamal for pointing out this error.

General $SU(3)$ Crossing Matrices and the Projection Operators of 3×8, M. M. NIETO [Phys. Rev. **140**, B434 (1965)]. The following misprints should be corrected:

The second of the equations labeled (3.12) is (3.13).

The first $\frac{5}{4}$ in Eq. (4.9) should be $\frac{5}{2}$.

The first $\frac{5}{16}$ in Eq. (4.11) should be changed to $\frac{5}{8}$ so that it reads

$$(P_{15})_{\alpha\beta;ij} = \tfrac{5}{8}\delta_{\alpha\beta\gamma}\delta^i{}_j + \tfrac{3}{16}d_{\alpha\beta\gamma}\lambda^{(\gamma)i}{}_j - \tfrac{5}{16}if_{\alpha\beta\gamma}\lambda^{(\gamma)i}{}_j. \quad (4.11)$$

In (4.12) the subscript m should be j and the $-\frac{1}{8}$ should be $+\frac{1}{8}$ so that it reads

$$(P_{6^*})_{\alpha\beta;ij} = \tfrac{1}{4}\delta_{\alpha\beta\gamma}\delta^i{}_j - \tfrac{3}{8}d_{\alpha\beta\gamma}\lambda^{(\gamma)i}{}_j + \tfrac{1}{8}if_{\alpha\beta\gamma}\lambda^{(\gamma)i}{}_j. \quad (4.12)$$

Note that with these corrections the projection operators satisfy the relation

$$(P_3)_{\alpha\beta;ij} + (P_{6^*})_{\alpha\beta;ij} + (P_{15})_{\alpha\beta;ij} = \delta_{\alpha\beta}\delta^i{}_j,$$

as they should.