Reduction of the Electromagnetic Vector Potential to the Irreducible Representations of the Inhomogeneous Lorentz Group.

PART II. - Quantization of the Electromagnetic Vector Potential
in an Angular Momentum Basis.

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(*Nuovo Cimento*, **48 A**, 43 (1967))

In eq. (4.8) on page 51 the summation over k should be from zero to infinity instead of from one to infinity, therefore the correct equations is

$$(4.8) \quad \exp[i\mathbf{p} \cdot \mathbf{x}] + 4\pi \sum_{k=0}^{\infty} \sum_{m=-k}^k (i)^k j_k(pr) Y_k^{m0}(\hat{\theta}, \hat{\varphi}) Y_k^{m0}(\theta, \varphi).$$

The Decay $\eta \rightarrow \pi^0 e^- e^+$ with C Conservation.

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(*Nuovo Cimento*, **48 A**, 834 (1967))

The upper limit for $\Gamma(\eta \rightarrow 2\gamma)$ should be $\Gamma(\eta \rightarrow 2\gamma) < 1000$ eV (see *e.e.* M. VELTMAN and J. YELLIN: *Phys. Rev.*, **154**, 1469 (1967). This value is taken from their limit for $\Gamma_{\eta}^{\text{total}}$ and the experimental branching ratio.) This gives $\Gamma(\eta \rightarrow \pi^0 \gamma \gamma) < 900$ eV and $M > 270$ MeV. This mistake was kindly pointed out by Dr. D. G. SUTHERLAND.

The factor $1/(2\pi)^2$ in eq. (8) is a typing error in the manuscript and should not be present; this mistake was not made in the actual calculation. The factor $2M_{\eta}^2$ in the first line of eq. (13) should be M_{η}^2 ; this is also a typing error in the manuscript which was not made in the calculation. The phrase « the phase contains » (six lines below eq. (15)) should read « the phase-space contains ».