Polorization:

1x> = (1)

2×1×1>=(10)

18>= (0)

1 x ly) = 0

The same of the sa

Now arune your Co-ordintes or cryst of is rotated

(7)

Verify committeels.

2x1x'>= (000 2x119) = 529 18,1x)= -270 Thinks row

From For any Met
$$241$$

$$\left(2\times 143\right) = \left(399$$

$$\left(3143\right) = \left(599$$

$$\left(519\right) \left(49\right)$$

141)= R(0)14). = 9 14)

In complex not dies

P(0) =
$$\omega = \left[\frac{10}{0} \right] + i \sin \left[\frac{10}{0} - i \right]$$

S = [0 - i] RO 1= 6019 1 + 1 3540

$$5^{2} = \left(\begin{array}{c} 0 & -i \\ i & 0 \end{array}\right) \left(\begin{array}{c} 0 & -i \\ i & 0 \end{array}\right)$$

Other Bari for Photons Potorization



K-Meron

KO+P=11°+TT+

$$\frac{S(k^3)}{S(k^3)} = \frac{1}{k^3}$$

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$$CP(K^{0}) = |K^{0}\rangle$$

$$CP(K^{0}) = |K^{0}\rangle$$

$$CP = (0)$$

$$(10)$$

$$CP|k_{S} = |k_{S}\rangle$$

$$CP|k_{L}\rangle = -|k_{L}\rangle$$

$$k_{S} \approx k_{L} \approx coy$$

$$W_{S} \approx E_{S} = \sqrt{p_{L}^{2} + m_{L}^{2}} \approx C4$$



e-the indexy limesule. t 14(t1) = e-i(Wst-tas) 1ks).

Inte grave

(= 1 (- i wst - 5 - e i wt - 5)

4 [e- /5] - the -2e-((z,-1+7-2)/2 Cos (a,-w)t) nleprene term.