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-265

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-264

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-6.4.6. Euler Angles for a Rotor in 3-space -6.4.5.2 Two State Observable of a Fundamental Entity in 3 Space -

$\Psi_1 = U_{\psi} \Psi U_{\psi}^{\dagger}$
$e_{\theta} = e^{\frac{1}{2}i_1\theta} = e^{\frac{1}{2}i\theta\sigma_1}$ :
$\Psi_2 = U_\theta U_\psi \Psi U_\psi^\dagger U_\theta^\dagger$
otor $U_{\phi} = e^{\frac{1}{2}i_{3}\phi} = e^{\frac{1}{2}i\phi\sigma_{3}}$ :
$\Psi_3 = U\Psi U^{\dagger} = \frac{U_{\phi}}{U_{\theta}} U_{\theta} U_{\psi} \Psi U_{\psi}^{\dagger} U_{\theta}^{\dagger} U_{\phi}^{\dagger}$
Figure 6.17.0 $\cdot$ 1 $\cdot$ 2 $\cdot$ 2 regult in a total

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