第十二十二十二十二〇) = 7 /2 12 07 on proowing that 52 + 2 h for any ket notation 39-3 singlet state [5 | 1 0) = (3 \$\frac{1}{4} + \frac{3}{4} \frac{1}{4} + \frac{2}{4} \frac{1}{4} + \frac{2}{4} \frac{1}{4} \rightarrow \]
= 2 \frac{1}{4} \frac{1}{4} \rightarrow \rightarrow \frac{3}{4} \frac{1}{4} + \frac{2}{4} \frac{1}{4} \rightarrow \frac{1}{ Singlet of 510 07 = 5 . 5 00) Key note: The only difference between a triplet configura-and singlet configuration is the E+3 or E-1 sign 5100=50000 5210 0) = 12 /2 (2/1/2) - (2/1/2) - 12 /2 (2/1/2) - (2/1/2) - (2/1/2)

52/00>=50.50000 カからかんないか-31かうり=3な2 おちったくろ(ルインー・イルン) $\frac{3^{12}}{5^{10}} = \frac{3^{12}}{4^{10}} + \frac{3^{12}}{4^{10}} + 2\left(\frac{3^{12}}{5^{10}}\right) + 2\left(-\frac{3^{12}}{5^{10}}\right) = 0$ 6-6-0 $\frac{1}{5411} = (51) + (51) + 2(5".5")$ $= \left(S_{(n)}^{(n)} + S_{(n)}^{(n)} + S_{(n)}^{(n)} + S_{(n)}^{(n)}\right) + \left(S_{(n)}^{(n)} + S_{(n)}^{(n)} + S_{(n)}^{(n)}\right)$ +2 (Si /Sy 0 /500 1 520 /500)/500)



