1 Flip-Flop

$\bar{\eta}$ table	$\bar{\eta}_{\text{same}}$	$\bar{\eta}^{\text{close}}_{\text{diff}}$	$\bar{\eta}^{\text{far}}_{\text{diff}}$
$\|\pm 1\rangle$ basis	$\frac{2}{3\sqrt{3}} = 0.3849$	0.6507	0.8328
$\|+/-\rangle$ basis (no correlations)	0.7110	0.6828	0.6828
$\|+/-\rangle$ basis (full correlations)	$\frac{4}{3\sqrt{3}} = 0.7698$	0.6951	0.6951

Degeneracy formulae :

— no degeneracies : $\bar{\eta} = \frac{1}{4}\bar{\eta}_{\text{same}}$

— 1x2x1 / {1,1,0} planes : $\bar{\eta} = \frac{1}{4}\bar{\eta}_{\text{same}} + \frac{1}{4}\bar{\eta}^{\text{far}}_{\text{diff}}$

— 2x2 / {1,0,0} planes : $\bar{\eta} = \frac{1}{4}\bar{\eta}_{\text{same}} + \frac{1}{4}\bar{\eta}^{\text{close}}_{\text{diff}}$

— 3x1 / $\langle 1,1,1\rangle$ directions : $\bar{\eta} = \frac{1}{4}\bar{\eta}_{\text{same}} + \frac{2}{4}\bar{\eta}^{\text{far}}_{\text{diff}}$

— 4x0 / $\langle 1,0,0\rangle$ directions : $\bar{\eta} = \frac{1}{4}\bar{\eta}_{\text{same}} + \frac{2}{4}\bar{\eta}^{\text{close}}_{\text{diff}} + \frac{1}{4}\bar{\eta}^{\text{far}}_{\text{diff}}$

Numerical Values :

— no degeneracies : $\bar{\eta}^2 = 9.259 \cdot 10^{-3} = \bar{\eta}_0^2$
— 1x2x1 : $\bar{\eta}^2 = 9.267 \cdot 10^{-2} = 10.0 \cdot \bar{\eta}_0^2$
— 2x2 : $\bar{\eta}^2 = 6.703 \cdot 10^{-2} = 7.24 \cdot \bar{\eta}_0^2$
— 3x1 : $\bar{\eta}^2 = 0.2628 = 28.4 \cdot \bar{\eta}_0^2$
— 4x0 $|\pm 1\rangle$ basis : $\bar{\eta}^2 = 0.3966 = 42.8 \cdot \bar{\eta}_0^2$
— 4x0 $|+/-\rangle$ basis (no correlations) : $\bar{\eta}^2 = 0.4759 = 51.4 \cdot \bar{\eta}_0^2$
— 4x0 $|+/-\rangle$ basis (full correlations) : $\bar{\eta}^2 = 0.5094 = 55.0 \cdot \bar{\eta}_0^2$

2 Double quantum

$\bar{\eta}$ table	$\bar{\eta}_{\text{same}}$	$\bar{\eta}^{\text{close}}_{\text{diff}}$	$\bar{\eta}^{\text{far}}_{\text{diff}}$
$\|\pm 1\rangle$ basis	1	0.8328	0.6507
$\|+/-\rangle$ basis (no correlations)	0.7110	0.6828	0.6828
$\|+/-\rangle$ basis (full correlations)	0.6366	0.6705	0.6705

Numerical Values :

— 4x0 $|\pm 1\rangle$ basis : $\bar{\eta}^2 = 0.6874 = 74.2 \cdot \bar{\eta}_0^2$
— 4x0 $|+/-\rangle$ basis (no correlations) : $\bar{\eta}^2 = 0.4759 = 51.4 \cdot \bar{\eta}_0^2$
— 4x0 $|+/-\rangle$ basis (full correlations) : $\bar{\eta}^2 = 0.4383 = 47.3 \cdot \bar{\eta}_0^2$