$$P(t) = 1 - \frac{\left|\begin{array}{c} \Omega_1^2 \\ \Omega_2 \end{array}\right|}{\left|\begin{array}{c} \Omega^2 \\ \Omega^2 \end{array}\right|} \left|\begin{array}{c} \sin^2 \\ \end{array}\right| \left(\begin{array}{c} \frac{\Omega t}{2} \\ \end{array}\right)$$

TOP

LABEL1: Ω_1

LABEL2: Ω_1^2

LABEL3: Ω

LABEL4: Ω^2

LABEL5: \cos^2

LABEL6: \sin^2

LABEL7: Ωt

LABEL8: $\frac{\Omega t}{2}$

BOTTOM