<u>9</u> Quasi-phase-matching Gaussian Beam propagation

$\begin{array}{l} \textbf{Ouasi-phase matching} \\ \textbf{Output on point of NL signal without complete phase matching} \\ \frac{dA_3}{dz} = \frac{2id_{eff} \omega_3^2}{k_3 c^2} A_1 A_2 e^{+i\Delta kz} \\ \frac{dA_3}{dz} = i \frac{d_0 \omega_3^2}{k_3 c^2} A_1 A_2 \left(e^{+iKz} + e^{-iKz} \right) e^{+i\Delta kz} \\ \textbf{Output on point on poin$





























