



Resonant:

Wave packet state coupling

$$A = a_1 e^{i\phi_1} (1 + a_2 e^{i\Delta\omega\tau + i\phi_2})$$

Non-Resonant:

Strong-field ionization

$$A = a_1 e^{i\phi_1}$$

Combined:

$$A = 1 + a_2 e^{i\Delta\omega\tau + i\phi_2}$$