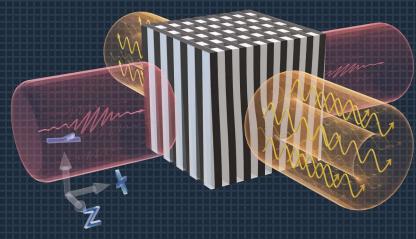


## 飞秒 沿 x 轴传播: $E_x = 0$

$$P_x^{(2)}(\omega) = 0$$
  $\chi_{15} \ge \chi_{33} > 5 \cdot \chi_{31} \ge \chi_{22}$ 

$$P_{y}^{(2)}(\omega) = \begin{cases} +\varepsilon_{0} \int_{-\infty}^{+\infty} \chi_{22}^{(2)}(\omega) E_{y}(\Omega) E_{y}(\omega - \Omega) d\Omega \\ +2\varepsilon_{0} \int_{-\infty}^{+\infty} \chi_{15}^{(2)}(\omega) E_{y}(\Omega) E_{z}(\omega - \Omega) d\Omega \end{cases}$$



$$P_{z}^{(2)}(\omega) = \begin{cases} +\varepsilon_{0} \int_{-\infty}^{+\infty} \chi_{31}^{(2)}(\omega) E_{y}(\Omega) E_{y}(\omega - \Omega) d\Omega \\ +\varepsilon_{0} \int_{-\infty}^{+\infty} \chi_{33}^{(2)}(\omega) E_{z}(\Omega) E_{z}(\omega - \Omega) d\Omega \end{cases}$$