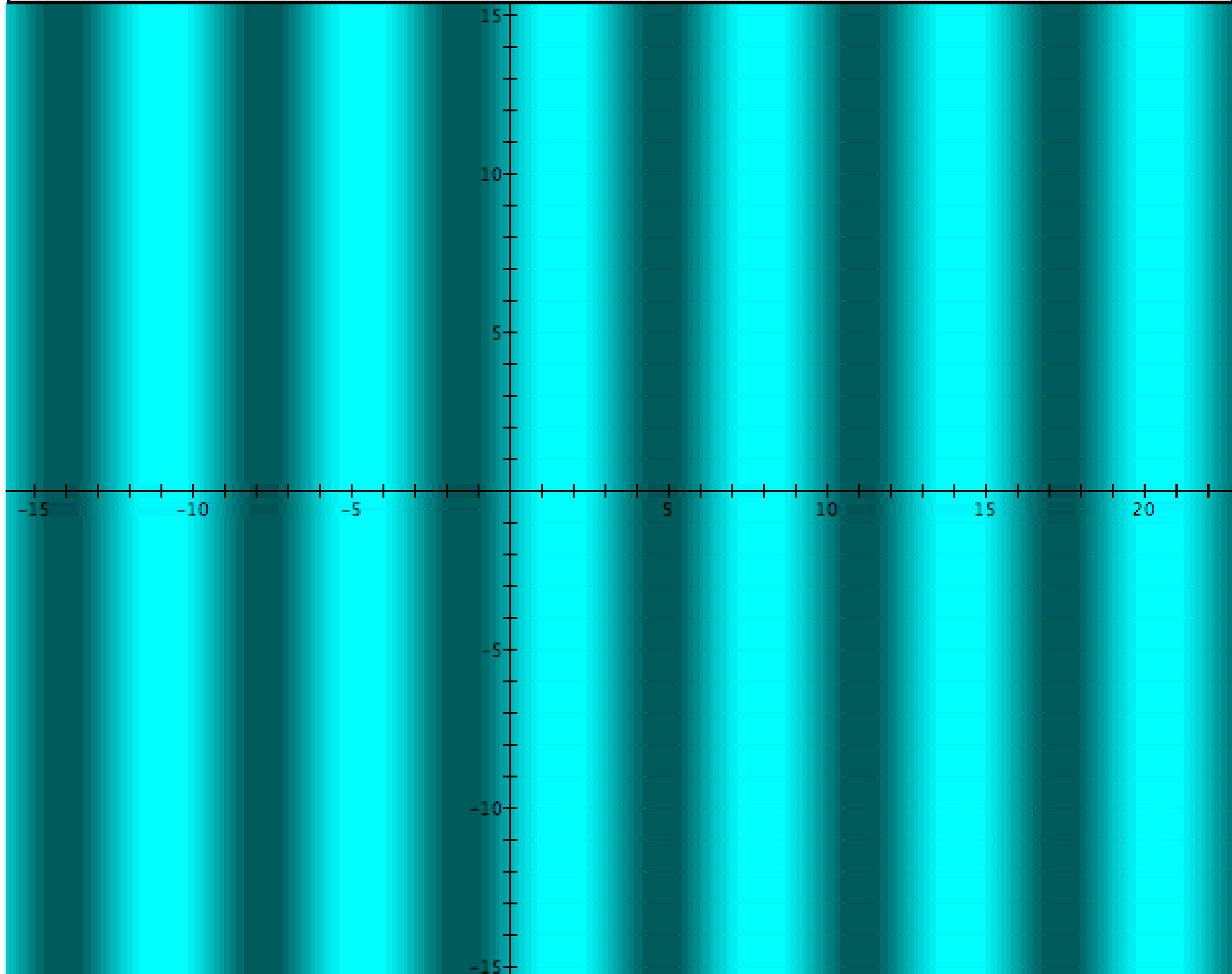


Vågor i fler dimensioner

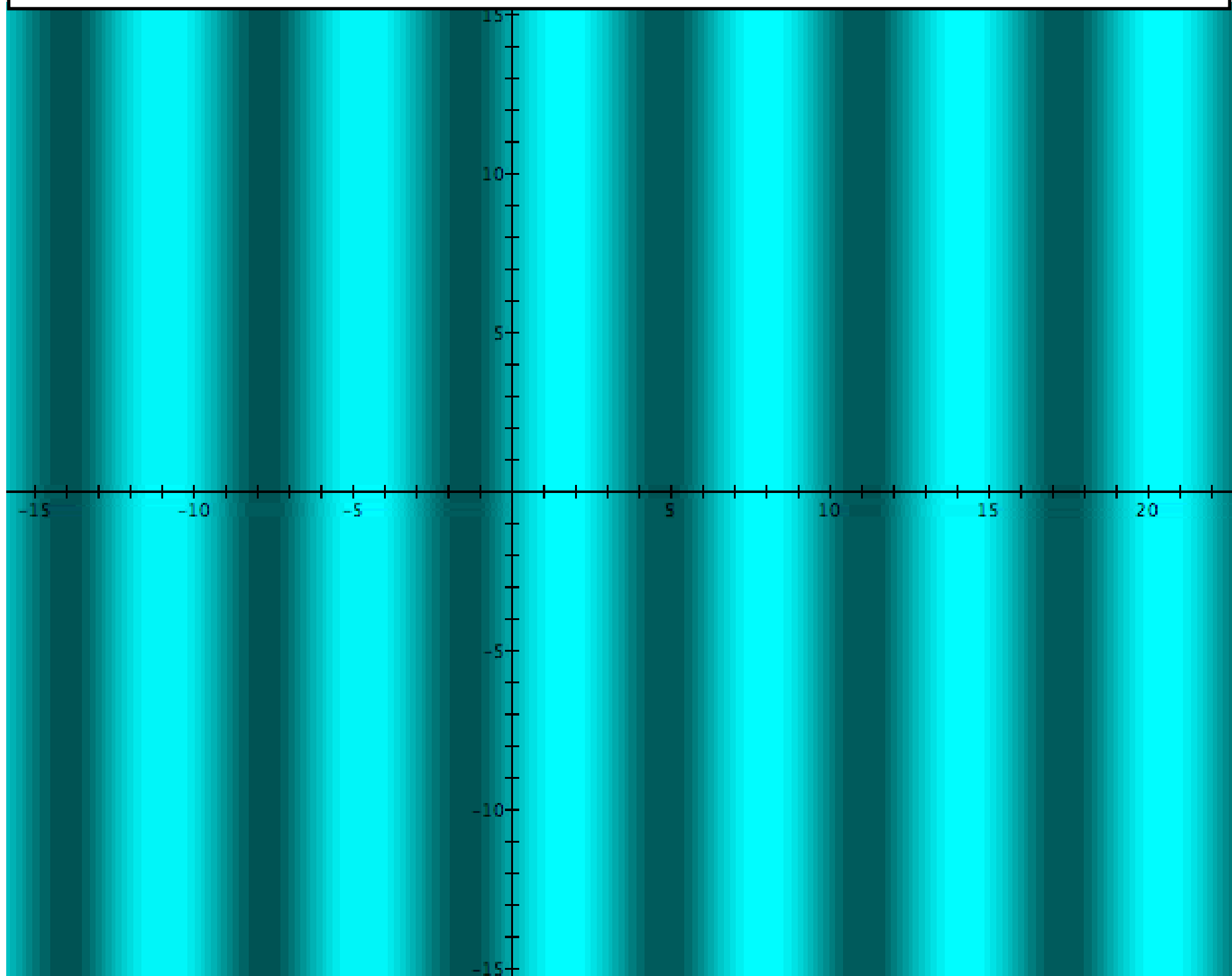
2D-våg längs positiva x-axeln

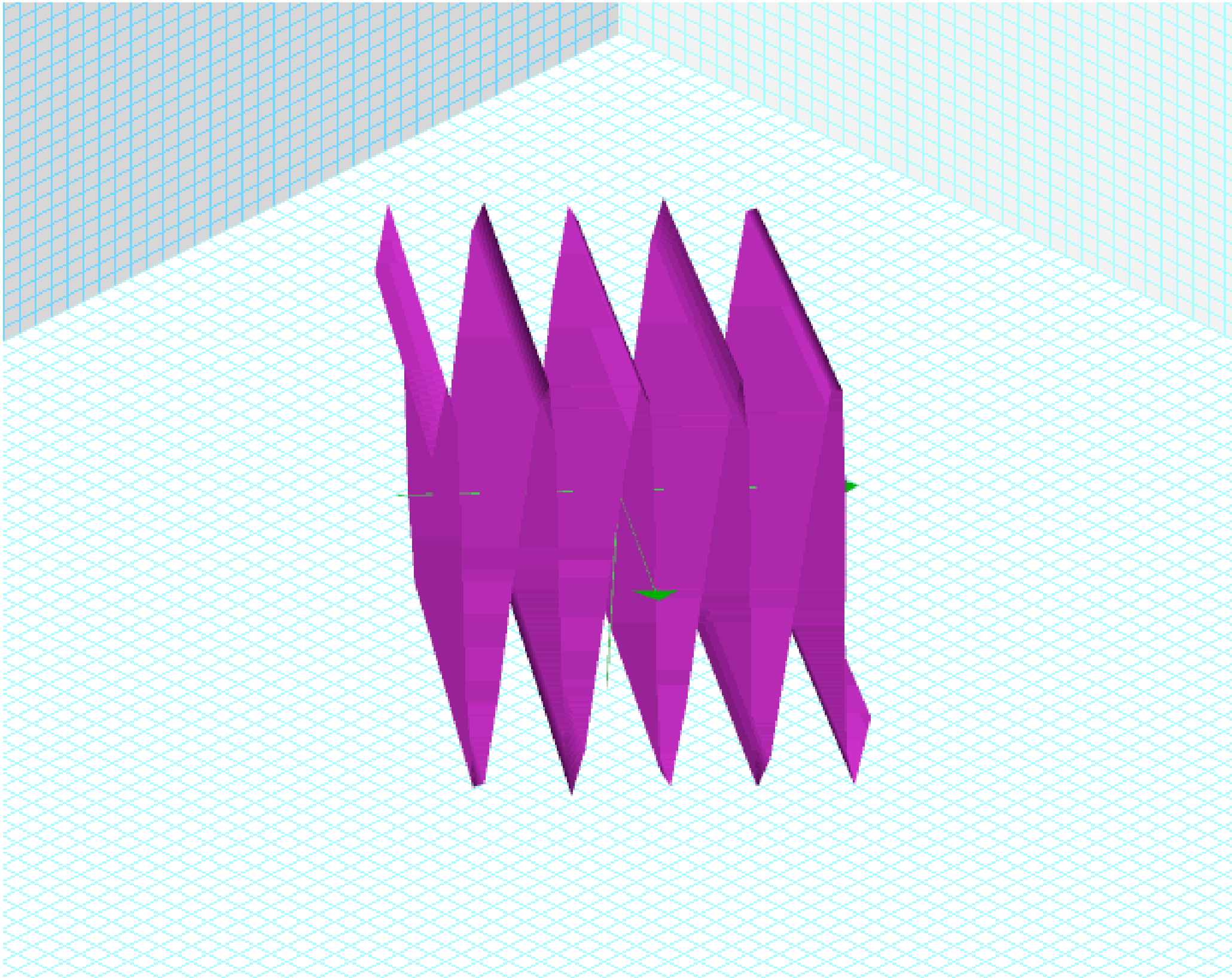
$$\psi(x, y, t) = A \sin(kx - \omega t + \varphi)$$



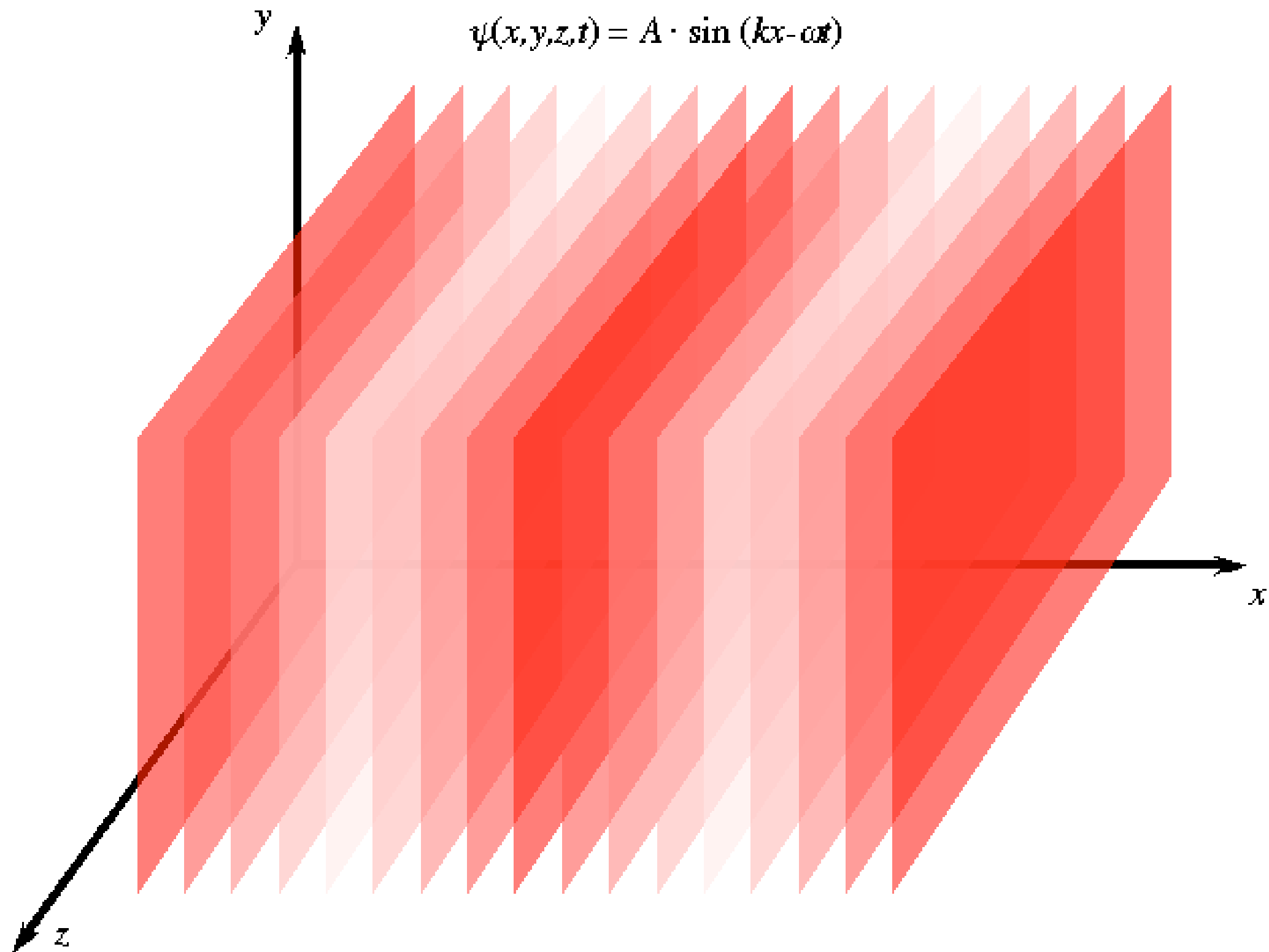
2D-våg längs negativa x-axeln

$$\psi(x, y, t) = A \sin(kx + \omega t + \varphi)$$



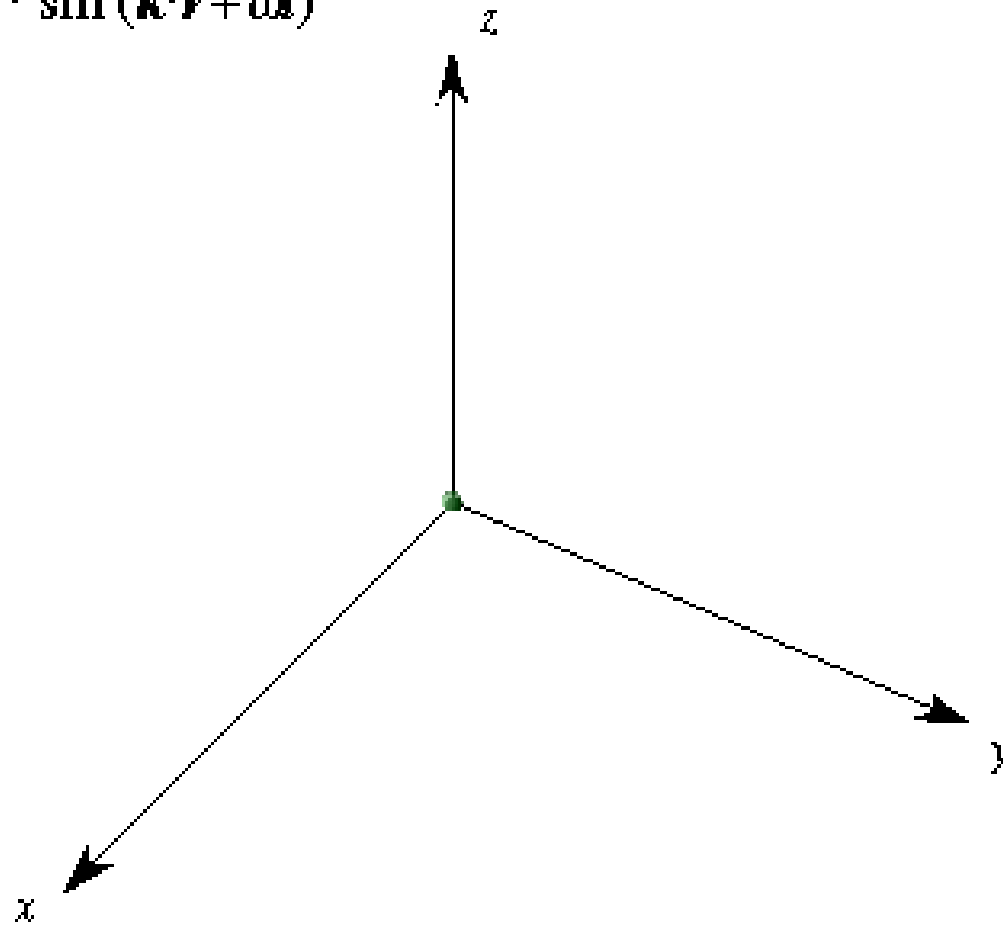


3D - plan våg



Punktkälla - Sfärisk våg

$$\psi(x,y,t) = \frac{A}{r} \cdot \sin(\mathbf{k} \cdot \mathbf{r} + \omega t)$$



Punktkälla - Sfärisk våg

