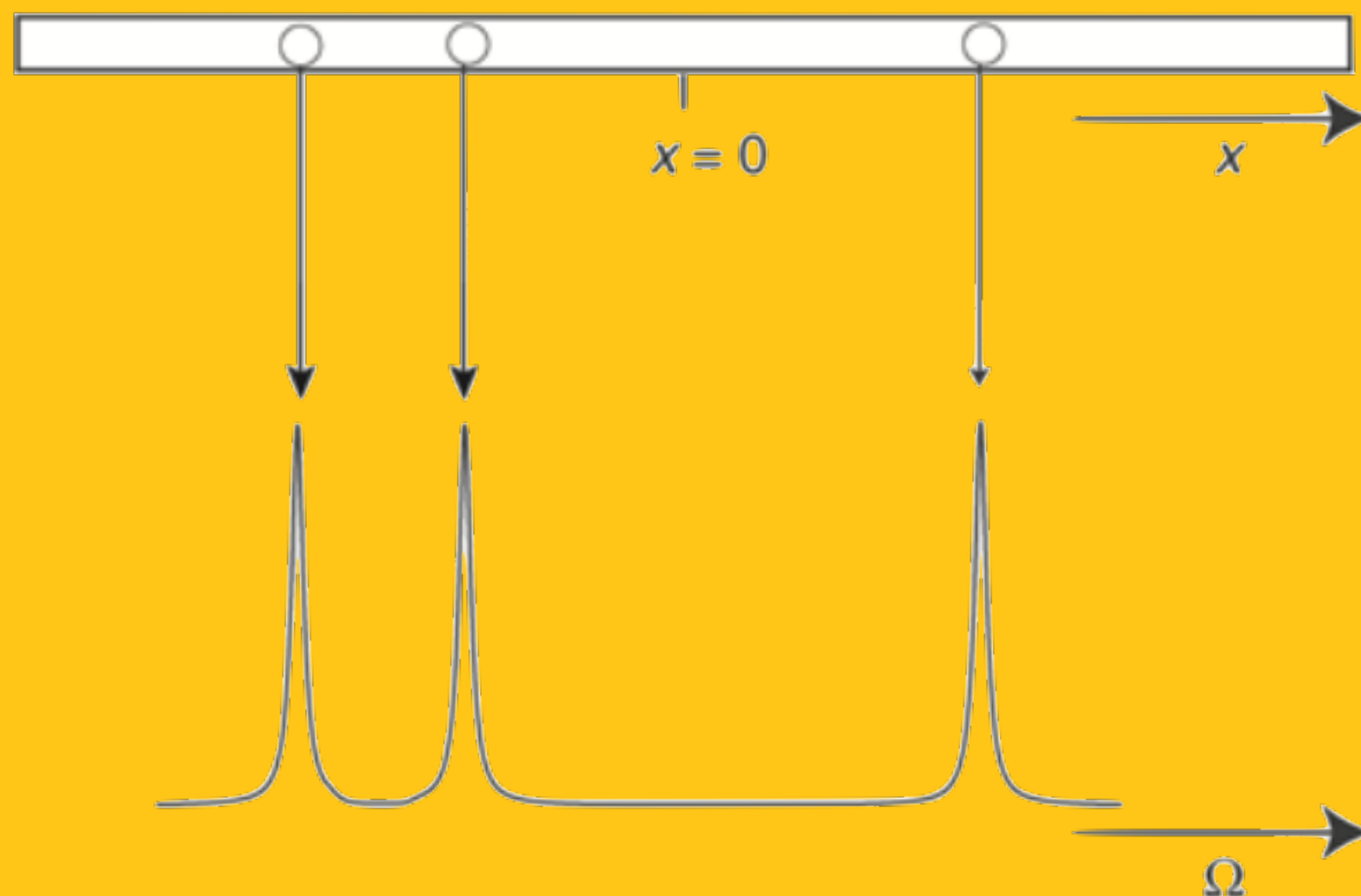


IMAGING

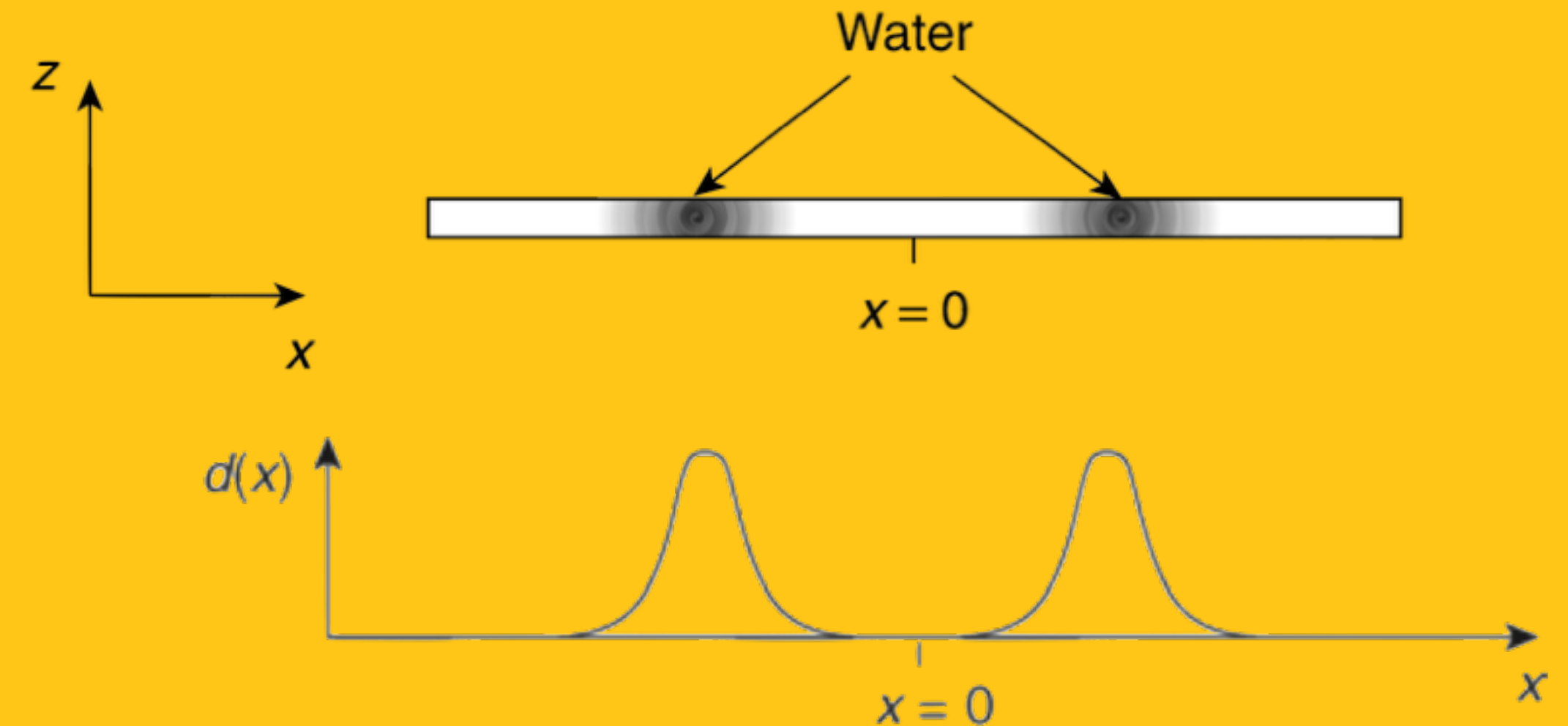
Imaging from this basic squiggle

$$\mathbf{B} = (B^0 + G_x x) \mathbf{e}_z$$

$$\omega^0(x) = -\gamma(B^0 + G_x x) = \omega^0(0) - \gamma G_x x$$

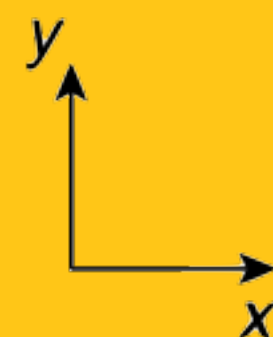


$$\Omega^0(x) = \omega^0(x) - \omega_{\text{ref}} = -\gamma G_x x$$



IMAGING

Adding dimensions



$$\Omega^0(1) = -\gamma G_x x$$

$$\Omega^0(2) = -\gamma G_y y$$

$$s(t_1, t_2; x, y) \sim \exp\{(\mathrm{i}\Omega^0(1) - \lambda) t_1 + (\mathrm{i}\Omega^0(2) - \lambda) t_2\}$$

$$S(\Omega_1, \Omega_2; x, y) \sim \mathcal{L}(\Omega_1, \Omega_2; \Omega^0(1), \lambda, \Omega^0(2), \lambda)$$

