Intensitat:
$$T = \frac{IE}{A} = \frac{1}{2} P N_0^2 C = \frac{1}{2} \frac{9 W^2 U_0^2 C}{1}$$

$$[U(x,t) = u_0 \sin(4x - wt)] \qquad [I = \frac{(p_0^0)^2}{2 \cdot 9 \cdot C}]$$

$$= -1 N_0 = w \cdot u_0$$

$$Menschl. Ohr
$$H \ddot{o}rschwelle \qquad I_0 = 10^{-12} W/m^2$$

$$Schmerzgrenze \qquad I_s \approx 1 W/m^2$$

$$= Wahrhehumng logarithmisch!$$$$

L= 10 log₁₀ \(\frac{1}{10}\) in deribel (dB)

BSD: \(I = I_0 = \tau \) L= 0

Schalldruckampl. \(p_s^0 = \frac{7}{290I} \)

= 2.10 \(P_q \)

= 2.10,00 par

Schallpeger