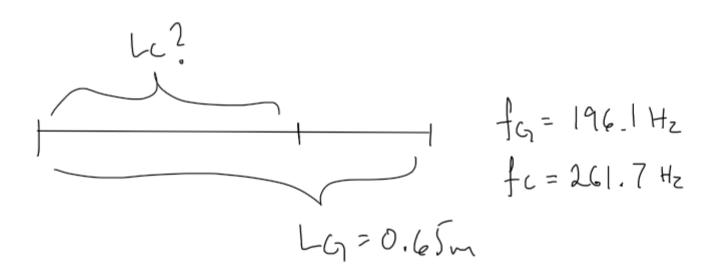
1)

2a)



bruker formel

$$f = \frac{V}{2L}$$
, $V = f2L = 196.1 \, Hz \cdot 2 \cdot 0.65m = 254.93 \, m/s$
 da er $L_c = \frac{V}{2f_c} = 0.487 \, m$

Avstanded mellom båndene blir mindre når n blir større.

$$f_{n} = f_{rekvensen} + i | f_{ret} + n$$

$$L_{n} = p_{osi} s_{jonen} - u - u$$

$$f_{n} = f_{q} \cdot l, osas^{n}$$

$$L_{n} = \frac{V}{2 \cdot f_{n}} = \frac{V}{2 \cdot f_{q} \cdot l. osas^{n}}$$

$$\int_{0}^{60 \, \text{km/t}} = 16.67 \, \text{m/s} \quad \text{bruker formel} \quad 7.17$$

$$\int_{0}^{60 \, \text{km/t}} = 16.67 \, \text{m/s} \quad \text{for } = 1.60 \, \text{m/s}$$

$$\int_{0}^{60 \, \text{km/t}} = 16.67 \, \text{m/s} \quad \text{for } = 1.17$$

$$\int_{0}^{60 \, \text{km/t}} = 16.67 \, \text{m/s} \quad \text{formel} \quad 7.17$$

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etter
$$V_5 = -30.56$$
 $V_0 = 16.67$ $f_0 = 577.742$

$$f_0 = \frac{343 - 16.67}{343 - 30.56}$$
 $600 = 626.67 Hz$