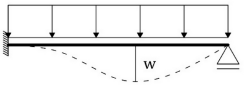
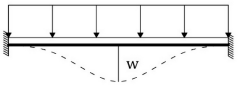
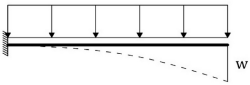
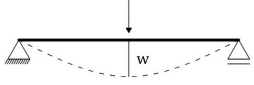
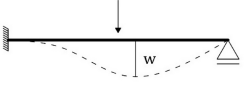
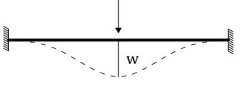
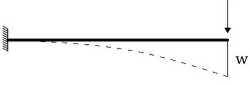
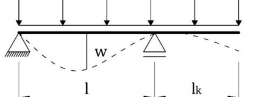
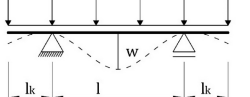
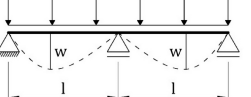
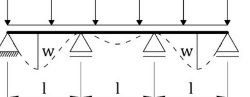
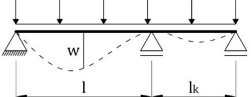
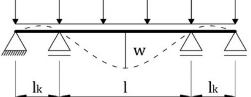
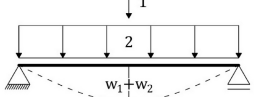
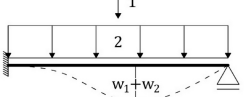
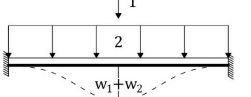
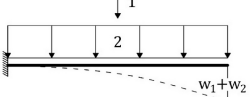
 $f_e \approx \frac{5}{\sqrt{0,8 * w(\text{cm})}} \approx \frac{17,753}{\sqrt{w}}$ $w \approx \frac{17,753^2}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 4,9\text{mm}$	 $f_e \approx \frac{17,893}{\sqrt{w}}$ $w \approx \frac{17,893^2}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 5,0\text{mm}$	 $f_e \approx \frac{17,997}{\sqrt{w}}$ $w \approx \frac{17,997^2}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 5,1\text{mm}$	 $f_e \approx \frac{19,596}{\sqrt{w}}$ $w \approx \frac{19,596^2}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 6,0\text{mm}$
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 $f_e \approx \frac{\sqrt{250}}{\sqrt{w}}$ $w \approx \frac{250}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 3,9\text{mm}$	 $f_e \approx \frac{\sqrt{250}}{\sqrt{w}}$ $w \approx \frac{250}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 3,9\text{mm}$	 $f_e \approx \frac{\sqrt{250}}{\sqrt{w}}$ $w \approx \frac{250}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 3,9\text{mm}$	 $f_e \approx \frac{\sqrt{250}}{\sqrt{w}}$ $w \approx \frac{250}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 3,9\text{mm}$
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 $f_e \approx k_f * \frac{\sqrt{63}}{\sqrt{w * l}} * \sqrt{(5 * l^2 - 12 * l_k^2)}$ $w \approx k_f^2 * \frac{63}{f_e^2 * l^2} * (5 * l^2 - 12 * l_k^2)$	 $f_e \approx k_f * \frac{\sqrt{63}}{\sqrt{w * l}} * \sqrt{(5 * l^2 - 24 * l_k^2)}$ $w \approx k_f^2 * \frac{63}{f_e^2 * l^2} * (5 * l^2 - 24 * l_k^2)$	 $f_e \approx \frac{5}{\sqrt{0,8 * w(\text{cm})}} - \frac{2}{\sqrt{w(\text{cm})}} \approx \frac{11,433}{\sqrt{w}}$ $w \approx \frac{11,433^2}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 2,0\text{mm}$	 $f_e \approx \frac{12,905}{\sqrt{w}}$ $w \approx \frac{12,905^2}{f_e^2} \quad w_{\text{limit,8Hz}} \approx 2,6\text{mm}$
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 $f_e \approx k_f * \sqrt{\frac{63 * (2 * l^2 + 3 * l * l_k - 3 * l_k^2)}{w * l^2}}$ $w \approx k_f^2 * \frac{63 * (2 * l^2 + 3 * l * l_k - 3 * l_k^2)}{f_e^2 * l^2}$	 $f_e \approx -k_f * \sqrt{\frac{63 * l^2 * (12 * l_k^3 - 10 * l_k * l^2 - 3 * l^3)}{w * l_k^4 * (2 * l_k + 3 * l)}}$ $w \approx -k_f^2 * \frac{63 * l^2 * (12 * l_k^3 - 10 * l_k * l^2 - 3 * l^3)}{f_e^2 * l_k^4 * (2 * l_k + 3 * l)}$
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 $f_e = \sqrt{\frac{1}{\frac{1}{f_1} + \frac{1}{f_2}}} \quad f_e \approx \sqrt{\frac{1}{\frac{1}{17,753^2} + \frac{1}{250}}}$	 $f_e = \sqrt{\frac{1}{\frac{1}{f_1} + \frac{1}{f_2}}} \quad f_e \approx \sqrt{\frac{1}{\frac{1}{17,893^2} + \frac{1}{250}}}$	 $f_e = \sqrt{\frac{1}{\frac{1}{f_1} + \frac{1}{f_2}}} \quad f_e \approx \sqrt{\frac{1}{\frac{1}{17,997^2} + \frac{1}{250}}}$	 $f_e = \sqrt{\frac{1}{\frac{1}{f_1} + \frac{1}{f_2}}} \quad f_e \approx \sqrt{\frac{1}{\frac{1}{19,596^2} + \frac{1}{250}}}$
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