Notiztitel

(65(65))

(55)

(55)

Lagerreaktionen.

 $\longrightarrow : A_{L} - F(os(65)) = 0$

$$AL = F \cdot (65(45)) = 75N \cdot (05(65)) = 31.70N$$

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B=64,67N

 $A_{V} = -3496.3m + F.sim(65) + 246.3m$ $A_{V} = 37,65M$





$$(S):-A_{V} \times + (g_{0} \times) \cdot \frac{1}{2} \times + M = 0$$

$$M = A_{V} \times - (g_{0} \times) \cdot \frac{1}{2} \times$$

$$M = 37, (5N \times - \frac{1}{2} \cdot 7.5 \overset{N}{=} \times)$$

$$- \Rightarrow A_{L} + N = 0$$

$$N = -A_{L} = -31.70 N$$





2.5chniH 3 < x < 1

$$(M): M - A_{V} \times + (q_{0}.3m) \cdot (x - 1.5m) = 0$$

$$M = A_{V} \times - (q_{0}.3m)(x - 1.5m)$$

$$(M - 15,15N \times + 33,75Nm)$$

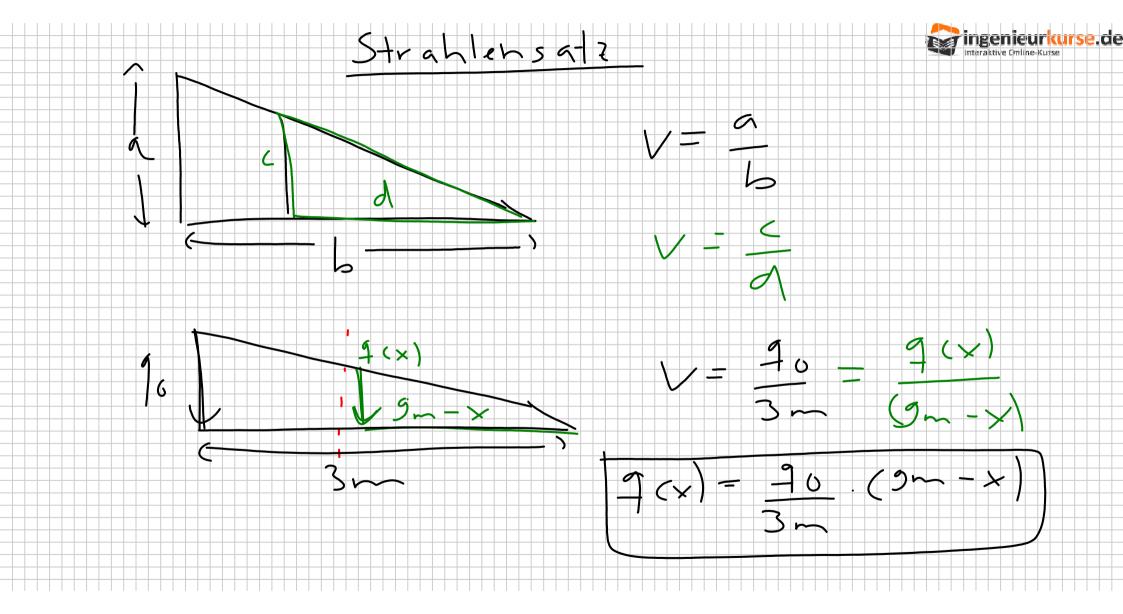
$$-->: AL + N = 0$$

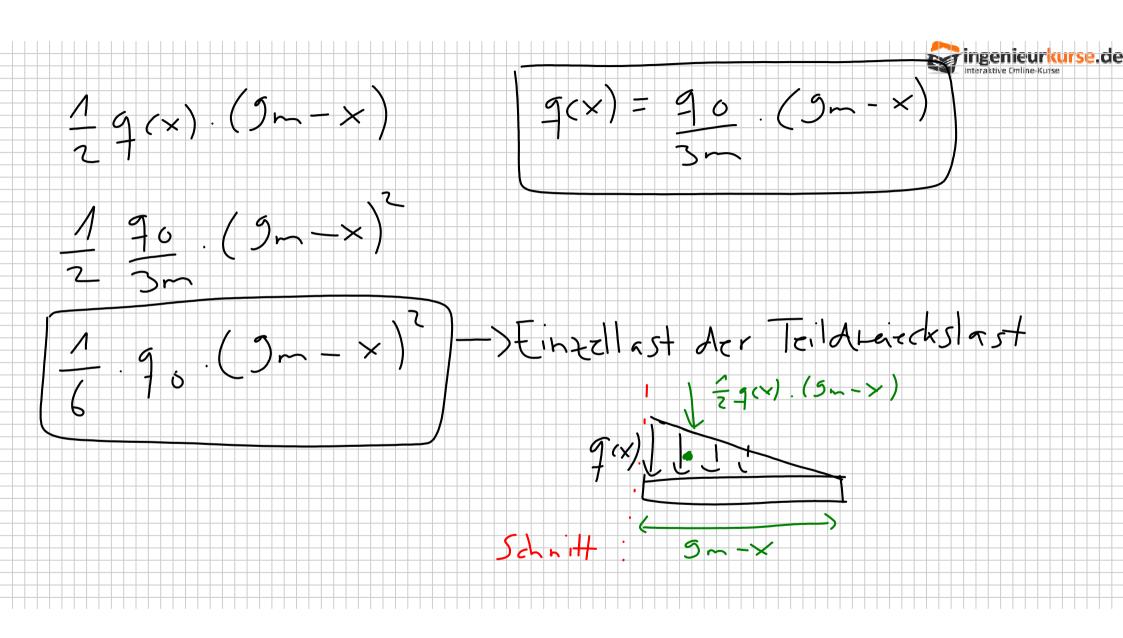
$$(N = -AL = -31,70)$$



35hniH: 4cxc6







$$\frac{1}{(1)^{1/2}} \frac{1}{(1)^{1/2}} \frac{1}{(1)^{1/$$

$$M = -\frac{1}{15} \cdot 7.5N \cdot (9m - x)^{3}$$

$$\frac{dM}{dx} = Q$$

$$\frac{dM}{dx} = -\frac{3}{15} \cdot 7.5N \cdot (9m - x)^{3} \cdot 4N$$

$$Q = \frac{1}{6m} \cdot 7.5N \cdot (9m - x)^{3}$$

