## Gruppe10\_IT17tb\_S2\_Aufg4

Mittwoch, 25. September 2019 17:59

$$f = \int \frac{m}{RW} dV$$

$$V_0 = \frac{20m}{s}$$

$$V(t_0)$$

$$W = 10kg$$

$$V(t_0)$$

$$Gesucht: 2eir 60 V = 5m = 3 10 dv$$

$$0) n = 5 h = \frac{5-20}{n} = -3$$

6) 
$$n=5$$
,  $h=-3$ ,  $x_i = a + ih$ 

$$Tf = (-3) \cdot \left(\frac{f(20) - f(5)}{2} + \sum_{i=1}^{n-1} f(20 + i \cdot (-3))\right)$$

$$= (-3) -0,503 + -1,0496$$

$$= 9,658... = 7ehler = 0,186$$