Temp hom= 20,2°C till: Temp "C (Omin) OS 83,4 (1 mih) 605 74,2 (7 mile) 1205 72.0 (3 mix) 1805 66,9 63,9 (4 mis) 2405 (5 mile) 3005 67,2 (6min) 3605 58,0 (7mh) 4705 56,4 (8 min) 4805 54,7 (9 mg) 5405 52,7 (7cmin) 6005 51,7 $\dot{T} = \frac{51,7 - 83,4}{600} = -0,05283 \text{ K/S}$ T = & (T - Tk) TH= 20,70C T= QT-TK T- XT=TH 1. e- Xt T.e. at -2Te et = Tr-e-dt $\left(Te^{-\alpha t}\right)' = T \cdot e^{-\alpha t} + (-\alpha)Te^{-\alpha t}$ Te-dt = TK. e-xt + C T(t) = C-e-ext + TK T(0) = 83,4 $C = 83, 9 - T_{K} = 63, 2$ $T(600) = 63,2.0 \times 600 + 70,2 = 51,7$ $63, 2.e^{600d} = 31,5$ $e^{600\lambda} = \frac{31.5}{63.2}$ $6002 = 4 \frac{3115}{63.2}$ $d = \frac{4\sqrt{\frac{31,5}{63,2}}}{600}$ $\lambda = -1,1605.10^{-3}$ $\Gamma(t) = 63, 2 \cdot e^{\alpha \cdot t} + 20, 2 = 9$ 63,2. ext = 4-20,2 $\ell = \frac{9-20,2}{63,2}$ $d = \frac{\ln\left(\frac{9-20,2}{63,2}\right)}{t}$ Formelea for & , dla y er tengesutuses i vanner ved tidle t.