

Aufgabe 3

$$a) t_{s2} = t_{ML1} + MR_{L1} (t_{ML2} + MR_{L2} \cdot MP_{L2})$$

~~$$t_{s2} = t_{ML1} + MR_{L1}$$~~

$$t_{s2} = 1 + 0,05 (20 + 0,5 \cdot 100) = 1 + 0,05 \cdot 75 = 4,75$$

$$g) AMSPI = MPI_{L1} + MPI_{L2} \cdot MP_{L2}$$

~~$$AMSPI = 0,075 \cdot 20 + 0,75 \cdot 100 = 1,5 + 75 = 76,5$$~~

$$MPI_{L1} = 0,05 \cdot 1,5 = 0,075$$

$$MPI_{L2} = 1,5 \cdot 0,5 = 0,75 \text{ - lokal}$$

$$GMPI_{L2} = 1,5 \cdot 0,05 = 0,0375 \text{ - global}$$

$$GAMSPI = 0,075 \cdot 20 + 0,0375 \cdot 100 = 1,5 + 3,75 = 5,25$$