

gru 8-11:00

7.11.

a) $K_M = 3Q^2 - 20Q + 100$

b) $K_{CP} = Q^2 - 10Q + 100$

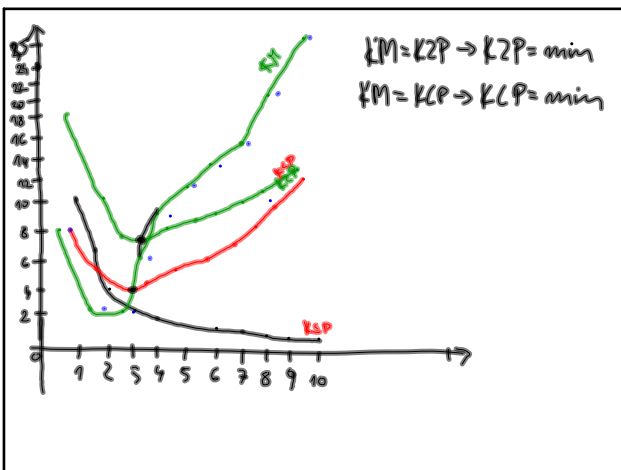
gru 8-11:17

Q _K	K _{SC}	K _{ZC}	K _C	K _{SP}	K _{ZP}	K _{CP}	K _M
0	10	0	10	—	—	—	—
1	10	8	18	$\frac{10}{1}=10$	8	18	8
2	10	10	20	5	5	10	2
3	10	12	22	$3\frac{1}{3}$	4	7,3	2
4	10	18	28	2,5	4,5	7	6
5	10	27	37	2	5,4	7,4	9
6	10	38	48	1,6	6,3	8	11
7	10	51	61	1,42	7,2	8,7	13
8	10	66	76	1,25	8,25	9,5	15
9	10	85	95	1,1	9,4	10,5	19
10	10	110	120	1	11	12	25

gru 8-12:39

$$KM = \frac{\Delta KC}{\Delta Q} = \frac{18-10}{1-0} = 8$$

gru 8-12:59

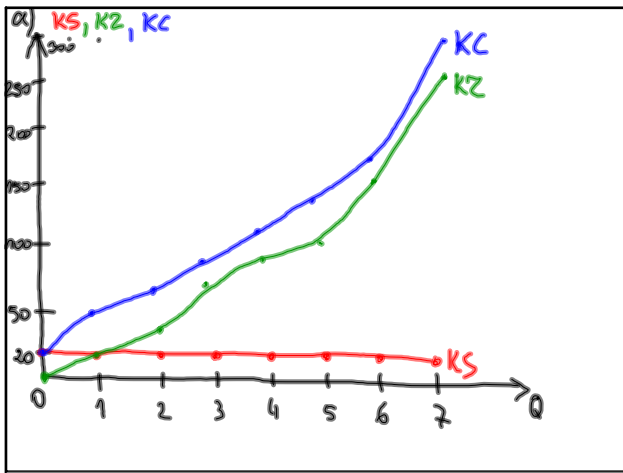


gru 8-13:02

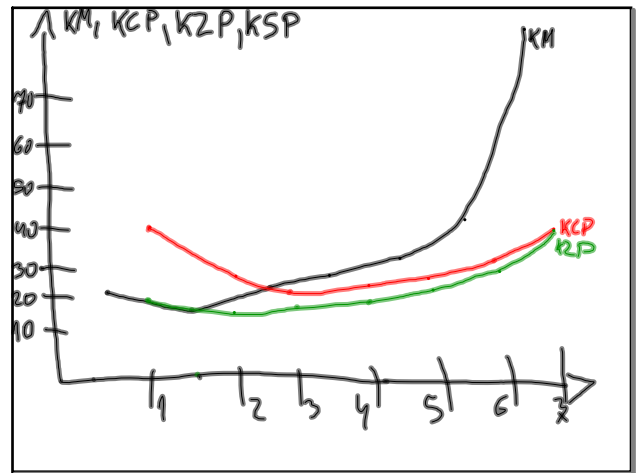
Q _K	K _S	K _Z	K _C	K _M	K _{CP}	K _{ZP}	K _{SP}
0	20	0	20	—	—	—	—
1	20	20	40	20	40	20	20
2	20	35	55	15	21,5	17,5	10
3	20	55	75	20	25	18,3	6,7
4	20	80	100	25	27,5	20	5
5	20	110	130	30	28,5	22	4
6	20	150	170	40	28,3	25	3,3
7	20	200	220	50	27,8	30	2,9

$K_m = \frac{75-55}{3-2} = \frac{20}{1} = 20$

gru 8-14:04



gru 8-14:38



gru 8-14:48

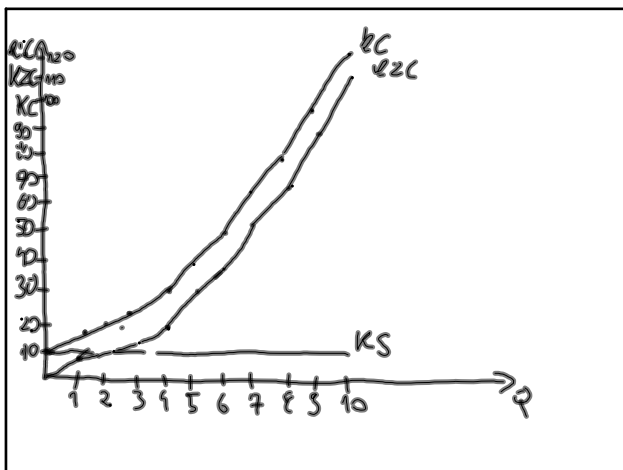
a) $KSC = 200 t_{ys} + 900 t_{ys} / 100 t_{ys} = 600000$

gru 8-15:15

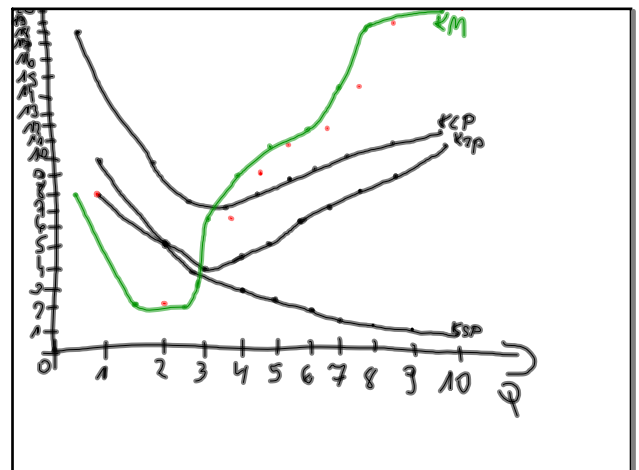
Q_x	KSC	KYC	KC	KSP	KZP	KCP	KM
0	10	0	0	10	1	18	8
1	10	10	10	10	5	18	2
2	10	20	20	10	4	7,33	2
3	10	30	30	10	3,33	7	6
4	10	40	40	10	2,5	7,4	9
5	10	50	50	10	2	8	13
6	10	60	60	10	1,5	8,71	15
7	10	70	70	10	1,2	9,5	19
8	10	80	80	10	1,1	10,56	25
9	10	90	90	10	1	12	
10	10	100	100	10	1	12	

$\Delta K_C = 18 - 10 = 8$ $\Delta Q = 1 - 0 = 1$
 $KM = \frac{\Delta K_C}{\Delta Q} = \frac{8}{1} = 8$

gru 8-16:05



gru 8-16:43



gru 8-16:52

$$a) 200000 + 100000 + (500000 - (100 \cdot 2000)) = 600000$$

gru 8-17:13