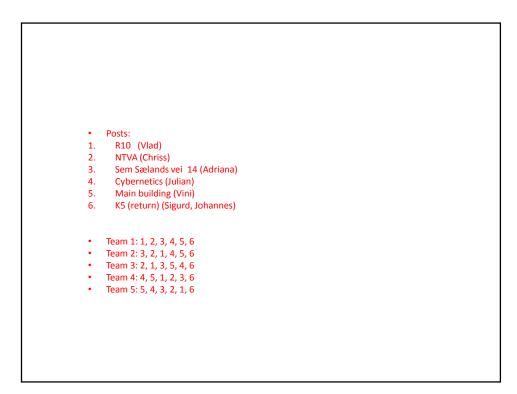
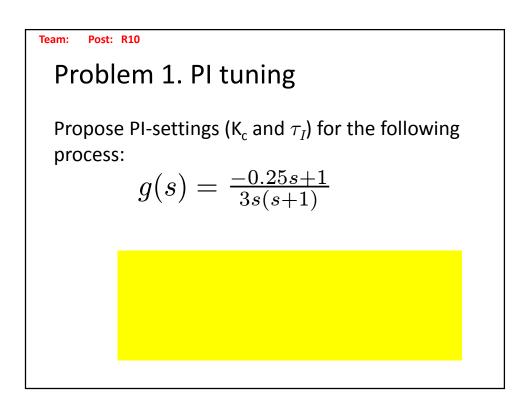




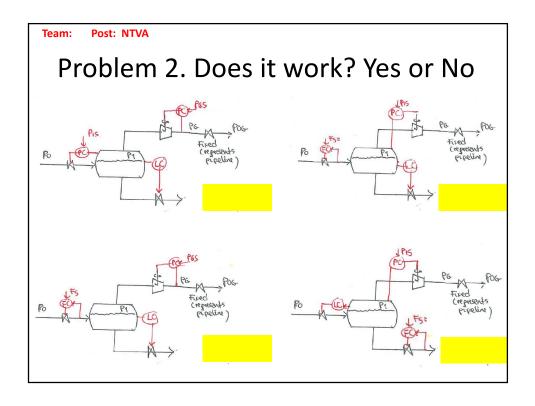
- 5 posts in different order + return here (K5)
- Solve 6 problems + minimize time
- Max 10 points for each problem
- Max 20 points for time
 - Fastest team to return gets 20 points, slowest 0 points
- Other rules
 - Must hand in solution before getting next post and problem
 - If need help for finding posts or solving problems, call 91371669 (1 min added to time per call)
 - Can otherwise use any help (except from PhD students)

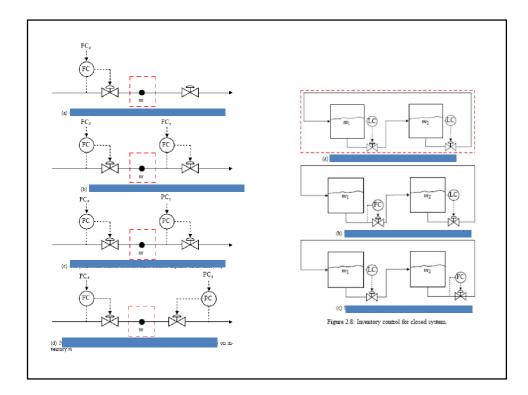
•	Team 1 (no.2, Runner-up; best on time, 59/80)
	– Manfred
	– Elling
	– Audun
	– (Federico)
•	Team 2 (no.5, "Looser"/Loser, last on time, 43/80)
	– lan
	– (Morten)
	– Marius
	– Magnus
•	Team 3 (no. 4)
	– (Heinz)
	– Petter
	– Deep
	– Maryam
•	Team 4 (no.3)
	– Magne
	– (Nadi)
	– (Truls)
	– Stathis
	– Esmaeil
•	Team 5 (no.1, Winner team, 61/80)
	– Krister
	— Ivar
	– Vidar

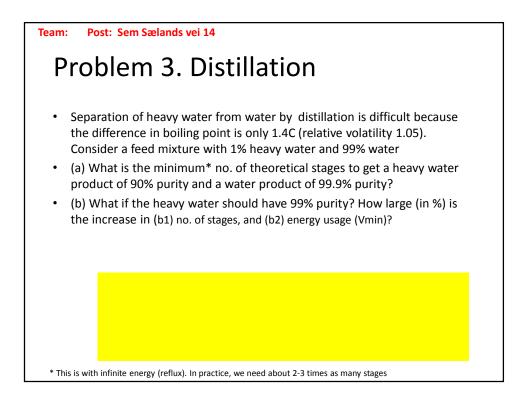


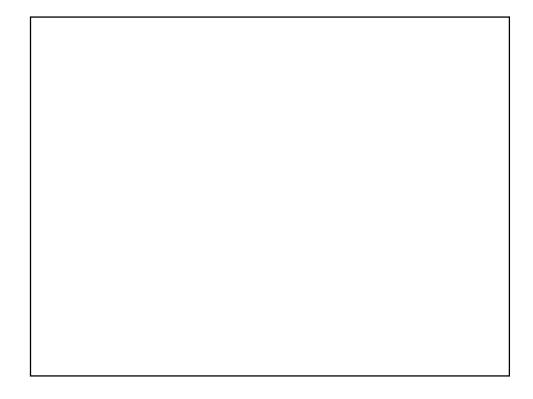






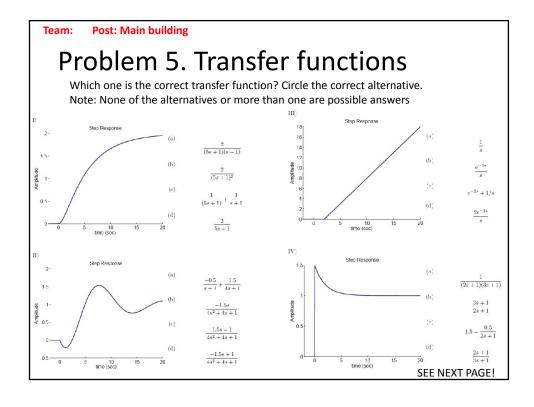


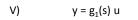




am:	POSL.	Суреі	rnetics	
Pro	bl	en	n 4. F	RGA
G =				RGA=G.*inv(G)'
1.1	2	4	5	5.0000 -9.2727 0.7273 4.5455
-1	0	0	5	-0.1039 0 0 1.1039
2	4	7	9	-5.1948 x 0.2727 -4.6753
10	10	0	1	1.2987 -0.3247 0 0.0260
(b) V	Vhat p	airing		u suggest? (circle pairings on G- or RGA-matrix) hanged. What value makes G singular?







Write the analytic expression for y(t) for a unit step in the input (u=0 for t<0, u=1 for $t\geq 1).$

$$g_1(s) = \frac{1}{\tau_1 s + 1}$$
(2)

