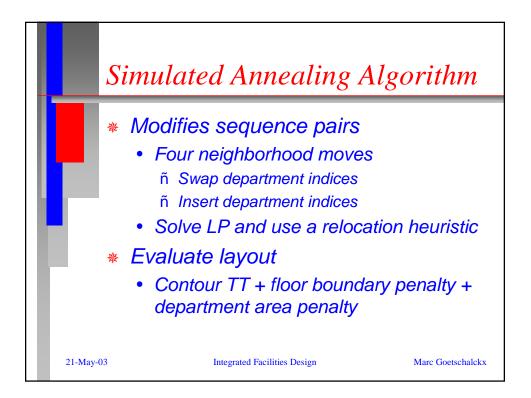
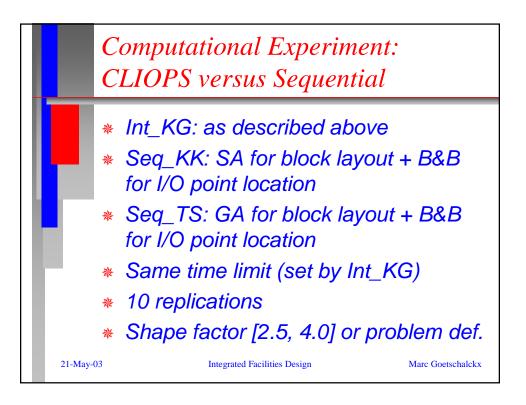


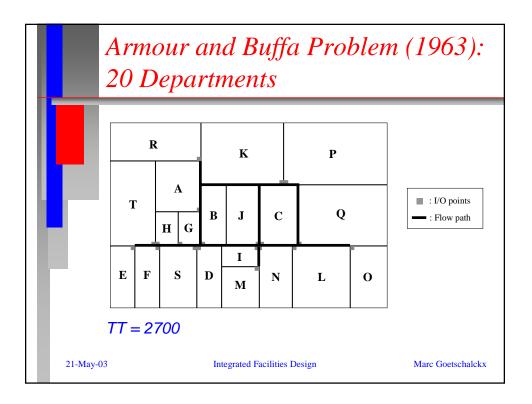
	Average Optimality gap (%)	Average CPU time (s)
Optimal	-	0.393
Initial	2.91	
SIM	0.056	0.0005
IIM	0.047	0.0001
EIIM	0.001	0.0002
PC 700 Mh.	z, 20 test problem	s, 20 departments

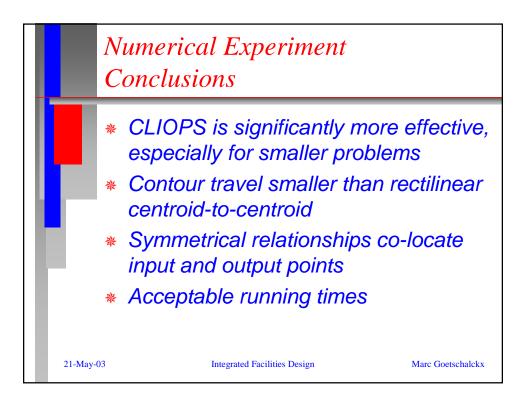


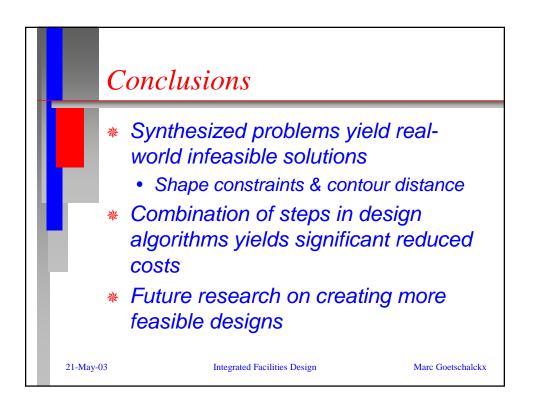


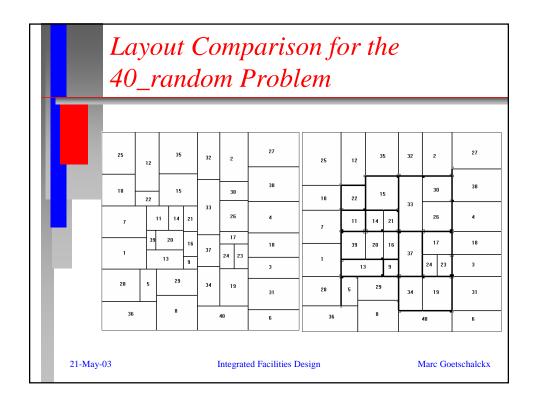
	5 11	Algorithm								
	Problem	INTE-KG			SEQ-KK		SEQ-TS			
		min	avg	std	min	avg	std	min	avg	stc
10)_Van Camp	6461.4	8439.2	1423.1	11627.1	14726.6	2267.6	9530.5	17222.7	2702
)_Armour nd Buffa	2699.9	3018.7	121.5	3044.4	3501.3	324.1	3457.5	3593.2	104
1()_random	976.19	1042.1	62.4	1241.3	1332.4	168.7	infeasibleÜ		
14	5_random	1961.7	2233.6	187.3	2737.8	2872.3	255.9	2945.2	3065.5	39.
20)_random	8209.1	9192.1	685.1	9093.5	10302.0	622.8	9535.3	10256.7	851
3()_radom	28376.9	29606.3	1005.1	29295.9	30403.1	736.9	31803.9	33221.7	972
10) random	68430.0	70119.8	1140.5	69188.8	70641.8	1025.6	79006.2	83045 5	2296

	Relative F CLIOPS v	·				ial			
				Algo	rithm		Average		
	Problem	CLIOPS		Seq_KK		Seq_TS		CPU	
		min. avg.		min.	avg.		avg.	time (s)	
	10_Van_Camp	0	0	80	75	45	104	40	
	20_Armour_Buffa	0	0	13	16	28	19	727	
	10_random	0	0	27	28			65	
	15_random	0	0	40	29	50	37	271	
	20_random	0	0	11	12	16	12	852	
	30_random	0	0	3	3	12	12	3766	
	40_random	0	0	1	1	15	18	15622	
21-May-03	21-May-03		Integrated Facilities Design				Marc Goetschalckx		











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