Week	Day	Date	Start	End	Туре	No	Contents	Literature/Exercises	
	Tuesday	2019-03-26	10:00	11:45	Lecture	#1	Introduction; course map; modelling optimization applications; graphic solution	Chapters in (i): 1, 2.1–5, 3	
	Wednesday	2019-03-27	08:00	09:45	Problem	1	Exercises on linear optimization modelling	Exercises in (ii): see the homepage	
w 13	Thursday	2019-03-28	10:00	11:45	solving	#2a	Julia/JuMP and optimization solvers; computer exercise on linear of		
	Wednesday	2019-03-27	13:15	15:00	Lecture		Supply chain (Assignment 1) (Edvin Åblad)	The state of the state of	
	Wednesday	2019-03-27	15:15 10:00	17:00 11:45	Computers Lecture		Convexity; basic feasible solutions; change of basis	Chapters in (i): 2.4, 4.1–4, (7.1), 4.8	
	Friday Friday	2019-03-29	13:15	15:00	Computers			Chapters III (1). 2.4, 4.1–4, (7.1), 4.0	
	1 Huay	2010-00-20	10.10	10.00	Computers	DOOL	· Cu		
	Monday	2019-04-01	13:15	15:00	Computers	book	ked		
w 14	Tuesday	2019-04-02	10:00	11:45	Lecture	#4	Linear programming: the simplex method; degeneracy; unbounded solution; infeasibility; starting solutions	Chapters in (i): 4.5–10	
	Wednesday Thursday	2019-04-03	08:00 10:00	09:45 11:45	Problem solving	2	Exercises on linear optimization theory and algorithms	Exercises in (ii): see the homepage	
	Wednesday	2019-04-04	13:15	15:00	Lecture	#5	Linear programming duality; economic interpretation	Chapters in (i): 6, (7.2–5)	
	Wednesday	2019-04-03	15:15	17:00	Computers				
	Friday	2019-04-05	10:00	11:45	Lecture	#6	Linear programming: post-optimal and sensitivity analysis	5.1–5, (5.6)	
w 15	Monday	2019-04-08	13:15	15:00	Computers				
	Tuesday	2019-04-09	10:00	11:45	Lecture	#7	Discrete optimization models and applications; complexity	Chapters in (i): 13, 2.6	
	Wednesday Thursday	2019-04-10 2019-04-11	10:00	11:45 11:45	Problem solving	3	Exercises on linear optimization duality and sensitivity analysis	Exercises in (ii): see the homepage	
	Wednesday	2019-04-10	13:15	17:00	Computers	book	ked		
	Wednesday	2019-04-10	10110	23:55	Compatoro		DEADLINE Assignment 1		
		2040 04 42	10.00	11.45	Lastina	#8a	Theory and algorithms for discrete optimization models	Chapters in (i): 14.1–3, 15.1–3	
	Friday	2019-04-12	10:00	11:45	Lecture	#8b	Maintenance scheduling optimization (Assignment 2)		
	I				1				
	Monday	2019-04-15	13:15	15:00	Computers	book	Ked	Ohambara in (i), 444 5 (44.0), 404 0, 474 0	
w 16	Tuesday	2019-04-16	10:00	11:45	Lecture	#9	Discrete optimization: theory and algorithms	Chapters in (i): 14.4–5, (14.6), 16.1–2, 17.1–2, (17.3–4) 13.10–11, 15.4, (15.5)	
	Wednesday	2019-04-17	10:00	11:45	Problem solving	4		Exercises in (ii): see the homepage	
	Wednesday	2019-04-17	13:15	17:00	Computers	Computers booked			
Thursday w 16 - Wednesday w 18 Easter break, re-exams, Valborg and May1									
	Thursday w 16	3 - Wednesday	w 18				Easter break, re-exams, Valborg and N	May1	
	Thursday w 16	6 - Wednesday	w 18				Easter break, re-exams, Valborg and N	May1	
w 18	Thursday w 16	6 - Wednesday 2019-05-02	w 18	11:45	Problem solving	4	Easter break, re-exams, Valborg and N	May1 Exercises in (ii): see the homepage	
w 18				11:45 11:45	Problem solving Lecture				
w 18	Thursday	2019-05-02	10:00		solving		Exercises on integer linear optimization modelling and algorithms	Exercises in (ii): see the homepage	
w 18	Thursday	2019-05-02	10:00	11:45	solving	#10	Exercises on integer linear optimization modelling and algorithms Combinatorial optimization theory and algorithms	Exercises in (ii): see the homepage Chapters in (i): 16, 8.3	
w 18	Thursday Friday Monday Tuesday	2019-05-02 2019-05-03 2019-05-06 2019-05-07	10:00 10:00 13:15 10:00	11:45 15:00 11:45	Solving Lecture Computers Lecture	#10	Exercises on integer linear optimization modelling and algorithms Combinatorial optimization theory and algorithms	Exercises in (ii): see the homepage	
w 18	Thursday Friday Monday Tuesday Wednesday	2019-05-02 2019-05-03 2019-05-06 2019-05-07 2019-05-08	10:00 10:00 13:15 10:00 10:00	11:45 15:00 11:45 11:45	solving Lecture Computers Lecture Problem	#10 book #11	Exercises on integer linear optimization modelling and algorithms Combinatorial optimization theory and algorithms ked Network optimization: Shortest paths, dynamic programming,	Exercises in (ii): see the homepage Chapters in (i): 16, 8.3 Chapters in (i):, 8.1–2, 8.4, (8.5), 18.1–5, (18.6–	
w 18	Thursday Friday Monday Tuesday Wednesday Thursday	2019-05-02 2019-05-03 2019-05-06 2019-05-07 2019-05-08 2019-05-09	10:00 10:00 13:15 10:00 10:00	11:45 15:00 11:45 11:45 11:45	Computers Lecture Problem solving	#10 book #11	Exercises on integer linear optimization modelling and algorithms Combinatorial optimization theory and algorithms Ked Network optimization: Shortest paths, dynamic programming, linear programming formulations of flows Exercises on integer linear optimization theory and algorithms	Exercises in (ii): see the homepage Chapters in (i): 16, 8.3 Chapters in (i):, 8.1–2, 8.4, (8.5), 18.1–5, (18.6–7), 13.5	
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