

INF5390 - Kunstig intelligens, Vår 2014

Pensum

Foreleser Roar Fjellheim, prof. II, raf@computas.no, tlf. 901 25 705
Lærebok Russell & Norvig: "AI - A Modern Approach" (AIMA),
 Third edition, Prentice Hall, 2010 og 2013

<i>Forelesning</i>	<i>Emne</i>	<i>AIMA 2010 Kapittel:</i> Avsnitt, ..	<i>AIMA 2013 Kapittel:</i> Avsnitt, ..	<i>Ant. sider</i>
INF5390-01	AI - Introduction and Overview	1: Hele unntatt 1.2	1: Hele unntatt 2	18
INF5390-02	Intelligent Agents	2: Hele	2: Hele	26
INF5390-03	Solving Problems by Searching	3: 3.1-3.4, 3.5 til 3.5.2 overskrift "Optimality of A*", 3.7	3: 1-4, 5 til 5.2 overskrift "Optimality of A*", 7	33
INF5390-04	Logical Agents	7: 7.1-7.5, 7.7.1-7.7.2, 7.8	6: 1-5, 7.1-7.2, 8	32
INF5390-05	First-Order Logic	8: Hele unntatt 8.4 9: Hele unntatt 9.4.2-9.4.6 og 9.5.4-9.5.6	8: Hele unntatt 4 9: Hele unntatt 4.2-4.6 og 5.4-5.6	23 23
INF5390-06	Knowledge Engineering in FOL	8: 8.4	8: 4	6
INF5390-07	Knowledge Representation	12: Hele	12: Hele	32
INF5390-08	Classical Planning	10: 10.1-10.3, 10.4.4, 10.6	10: 1-3, 4.4, 6	25
INF5390-09	Planning and Acting	11: 11.1, 11.2.1, 11.3-11.5	11: 1, 2.1, 3-5	25
INF5390-10	Probabilistic Reasoning	13: 13.1-13.5 unntatt 13.2.2-13.2.3, 13.7 14: 14.1, 14.7-14.8	13: 1-5 unntatt 2.2-2.3, 7 14: 1, 7-8	16 10
INF5390-11	Making Simple Decisions	16: Hele unntatt 16.4	16: Hele unntatt 4	22
INF5390-12	Learning from Examples	18: 18.1-18.3, 18.7, 18.12	18: 1-3, 7, 12	25
INF5390-13	Reinforcement Learning	17: 17.1-17.3, 17.7 21: Hele	17: 1-3, 7 22: Hele	13 24
INF5390-14	Natural Language Communication	23: 23.1, 23.2 unntatt 23.2.1-23.2.2, 23.3 unntatt 23.3.5, 23.4 unntatt 23.4.2, 23.6	23: 1, 2 unntatt 2.1-2.2, 3 unntatt 3.5, 4 unntatt 4.2, 6	18
INF5390-15	Foundations and Prospects	26: Hele 27: Hele	26: Hele (kopi deles ut) 27: Hele (kopi deles ut)	23 8
<i>Sum</i>				402