	What is Intelligence?
	The dream of Al has been to build
	" machines that can think, that learn and that create."
Artificial Intelligence	"The question of whether Machines Can Think is about as relevant as the question whether Submarines Can Swim."
	Dijkstra (19
Chapter 1, Sections 1–3	
ficial Intelligence, spring 2013, Peter Ljunglöf, based on ADAA Slidos @Staart Russel and Peter Norvig, 2004 Chapter 1, Sections 1–3 1	Artificial Intelligence, spring 2013, Peter Ljungöf; based on AIMA Slides @Stuart Russel and Peter Norvig, 2004 Chapter 1, Sections 1
Strong and Weak AI	Weak AI
ne may dream about	Weak AI is a category that is flexible, as soon as we understand how AI-program works, it appears less "intelligent".
. that computers can be made to think on a level at least equal to humans, at they can be conscious and experience emotions.	And as soon as a part of AI is successful, it becomes an own research a
Strong Al	E.g. large parts of advanced search, parts of language understanding, p of machine learning and probabilistic learning etc
is course is about	And AI is left with the remaining hard-to-solve problems!
. adding "thinking-like" features to computers to make them more useful	
ols. That is, "not obviously machine like".	
Weak Al	
Weak Al	
Weak Al	
Weak AI	
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Reak AI	Artificial Intelligence, spring 2013, Peter LjungS0; based on AIMA Slides @Stuart Russel and Peter Norvig, 2004 Chapter 1, Sections 1
Itial litefligners, spring 2013, Peter Lyunglif, based on ADMA Slides @Straart Russel and Peter Norvig, 2004 Chapter 1, Sections 1-3 3 Contributing research fields	Artificial Intelligence, spring 2013, Peter Ljungöf; based on AIMA Slides @Staart Russel and Peter Norvig, 2004 Chapter 1, Sections 1
ktal Intelligence, spring 2013, Peter Ljunglië, based on ADMA Shides @Stuart Russel and Peter Norvig, 2011 Chapter 1, Sections 1-3 3 Contributing research fields philosophy	Artificial Intelligence, spring 2013, Peter LjungS0; based on AIMA Silden ©Stuart Russel and Peter Norvig, 2004 Chapter 1, Sections 1
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1988-

1995-

1997

2001

2003-

2011

2012

Agents, agents, everywhere

IBM Deep Blue beats the World Chess Champion Very large datasets: Google gigaword corpus, Wikipedia Human-level Al back on the agenda

r 1. Sections 1–3

IBM Watson wins Jeopardy US state of Nevada permits driverless cars

nce, spring 2013, Peter Liunglöf; based on AIMA Slides ©Stuart Rus

experimental techniques (psychophysics, etc.)

Chapter 1. Sections 1–3 11

Computer science algorithms, data structures, hardware

homeostatic systems, stability

simple optimal agent designs

knowledge representation

grammar, interaction cc. spring 2013. Peter Liunglöf: based on AIMA Slides ©Stuart Russel and Peter Norvig. 2004

Control theory

Linguistics