

# [Ethics artificial intelligence](https://assignbuster.com/ethics-artificial-intelligence/)

Rabbi Loewinvents the Golen, and artificial man made out of clay

Pascalcreated the first mechanical calculator

Wolfgang von Kempeleninvented fake chess playing machine, The Turk

The Turk... thenDeep Blue
Watson

Karel Kapekcoins the word robot

Alan TuringProposes Turing Test
(Test to see if talking to a computer or person)
Broke Nazi code

John McCarthycoins a phrase " artificial intelligence"

Joseph Weizenbaumcreates ELIZA one of the earliest chatterbots

Shakeythe robot combines movement, perception and problem solving

Herb Simon wins Nobel PrizeBrings legitimacy to Artificial Intelligence

ALVINN" autonomous land vehicle in a neural network"
precursor to google car

1997 event: Deep Blue defeats Garry Kasparov
Russian Grand Master lost in chess to deep blue

AI is generally thought to be
TWOA robot which acts, feels, and functions like a human being
A software which has human-like (although 'cold') intelligence

Current Applications AILearning Software
Robotics
Recognition Software

Traditional SW
Learning SWTraditional SW does what it is told
Learning SW learns new ways to do things

Recognition Software types and nameVoice
Eye
Palm
Biometric Device

Negative of AIprivacy and false hits

Three rules of roboticsA robot shall never harm a human being
A robot shall obey a human being (if not contradictory with one)
A robot shall protect itself (if not contradictory with one or two)

Cyborgsman and machine

Superhuman (ubermensch F. Nietzsche)Over time man will evolve into a superior race

Hardest task in a robotRecognizing a face
recognizing an emotion

Who does AIComputer Science
Psych
Linguistics
Philosophy

We are moving from the age of scientific discovery to the age ofScientific Mastering

Computer Technology powers double every18 months

80s
90s
NowPC
www
Ubiquotous

We are moving from being creators of machine intelligence to creators ofintelligent machines

Narrow AIPrograms that replace a specific human task
Cruise Control
Assembly Line

The key for the future of robots is that they displayemotion

What does Alto compare AI toA loaded gun

What are the doctors at Cleveland Clinic doingdeep brain stimulation

Nickname for deep brain stimulationBrain Pacemaker

Deep Brain Stimulation is used to treatParkinson's, Depression
In the Future
Alzeihmers

Assistive Device for deep brain stimulationFunctional MRI

First country to establish robotic lawsJapan

Singularitywhen computing power exceeds man's thinking power

Ray KurzweilCoined Phrase singularity

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* Robot