



# CS 416

## Artificial Intelligence

*Lecture 2*

*Agents*



# Chess Article

## *Deep Blue (IBM)*

- 418 processors, 200 million positions per second

## *Deep Junior (Israeli Co.)*

- 8 processors, 3 million positions per second

## *Kasparov*

- 100 billion neurons in brain, 2 moves per second

***But there are 85 billion ways to play the first four moves***



# Chess Article

***1997 - Kasparov Lost to Deep Blue***

***2002 - Kramnik tied Deep Junior (current World Champion)***

***2003 - Kasparov (current number 1) plays Deep Junior***

***Jan 26 – Feb 7***