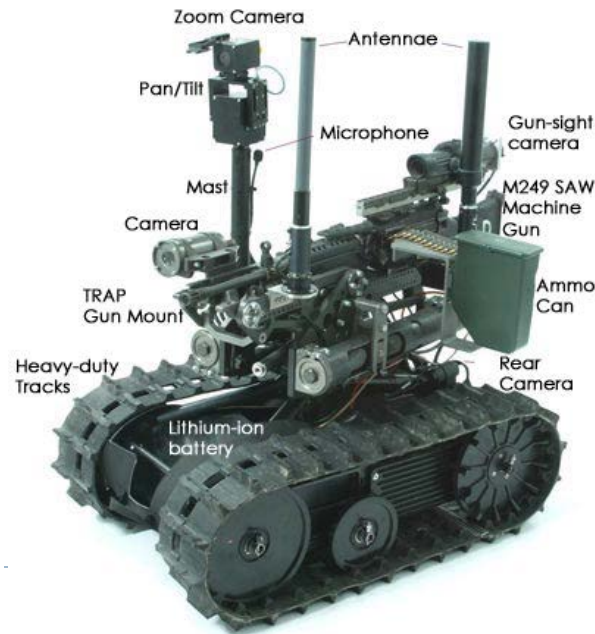# GE1314
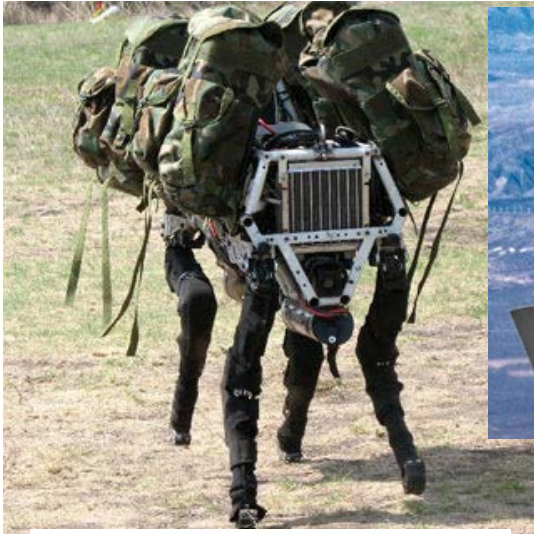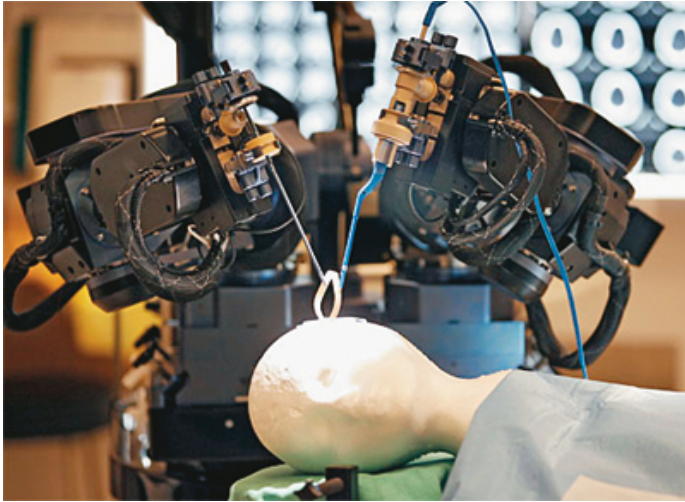# Ironman: The Art and Science of Robots in Our Society

鋼鐵人：機器人在社會的藝術與科學
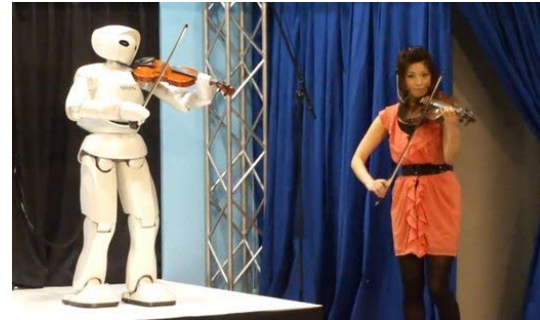
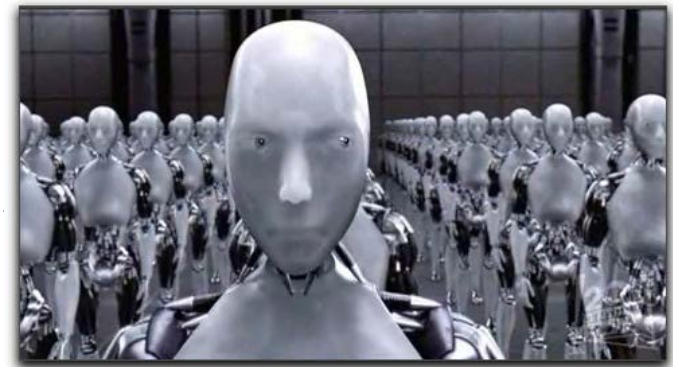# Military Robots

Zoom Camera
Pan/Tilt
Antennae
Microphone
Gun-sight camera
Mast
M249 SAW Machine Gun
Camera
TRAP Gun Mount
Ammo Can
Heavy-duty Tracks
Rear Camera
Lithium-ion battery
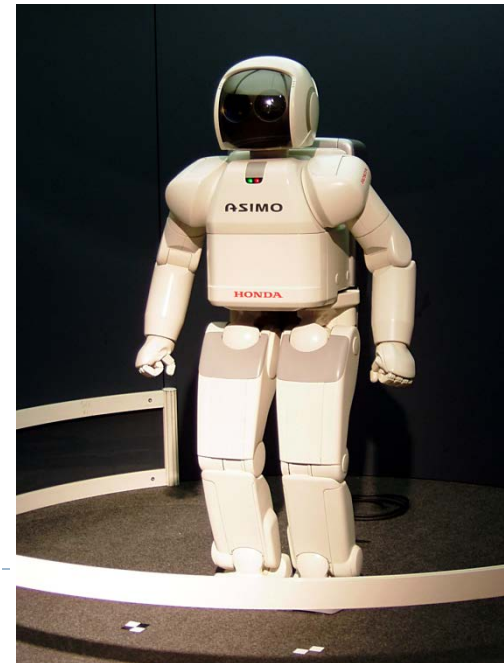
Medical & Health Robots
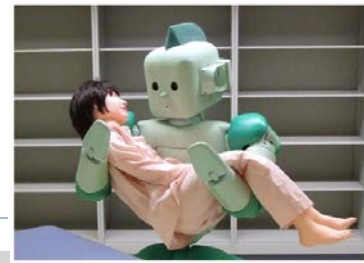
Humanoids

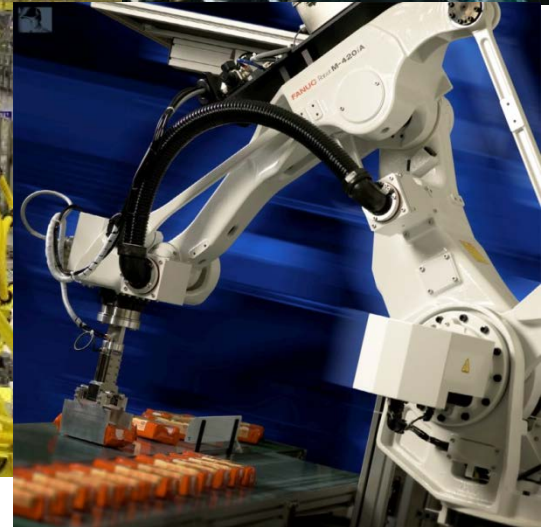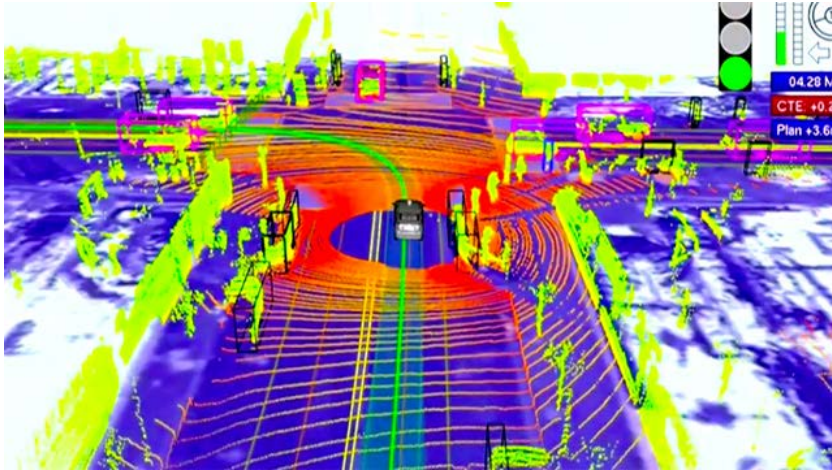

ASIMO
The Honda Humanoid Robot ASIMO

History of Humanoids
Man's dream takes first step forward
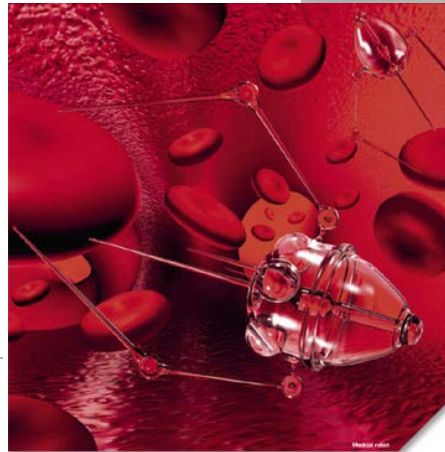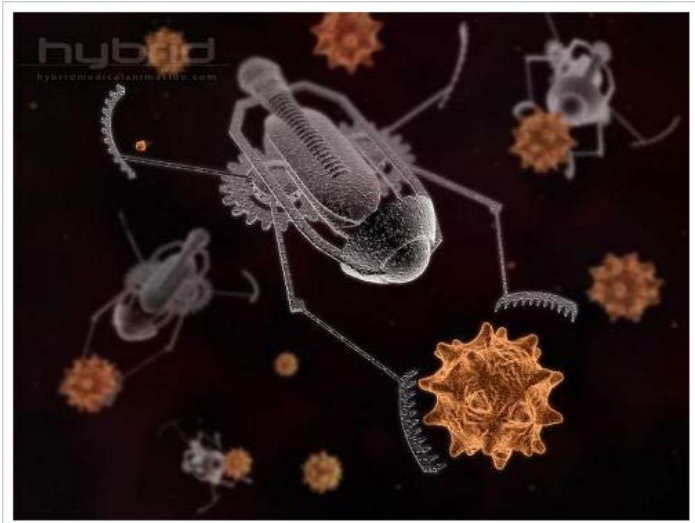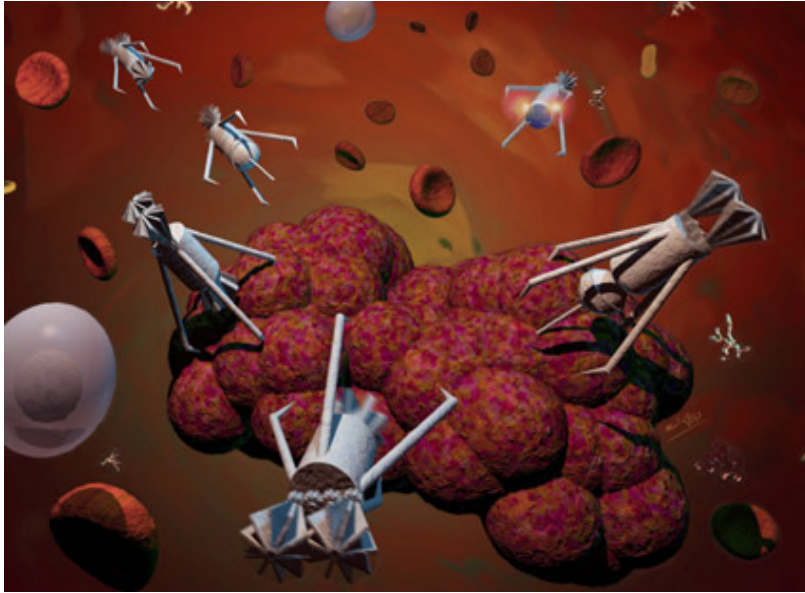
Industrial Robots

Consumer Robots

Google Self-driving car

Micro Robots

Questions in your mind?

▸ How does the first robot look like?

▸ Relationships between human and robots?

▸ Can we build our own robots?

▸ Are our lives getting too comfortable & too convenient because of using robots?

▸ What are the social & ethical implications?

▸ How does a robot feel and see?

▸ Can we talk to a robot and how does it think?

▸ What software / tools can we use for interacting with robots?

Ironman: GE 1314 is for you

▸ Course format:
  ▸ Lectures, tutorials, labs, demonstrations, company visit

▸ Achievable goal:
  ▸ You will learn the latest developments and an overview of "How, What, Why" about Robots

▸ Assessment:
  ▸ In-class participations, assignments, group project, group presentation, individual reports

▸ Instructor:
  ▸ Dr. Ray C.C. Cheung: r.cheung@cityu.edu.hk
  ▸ Please send me an email if you have questions

▸