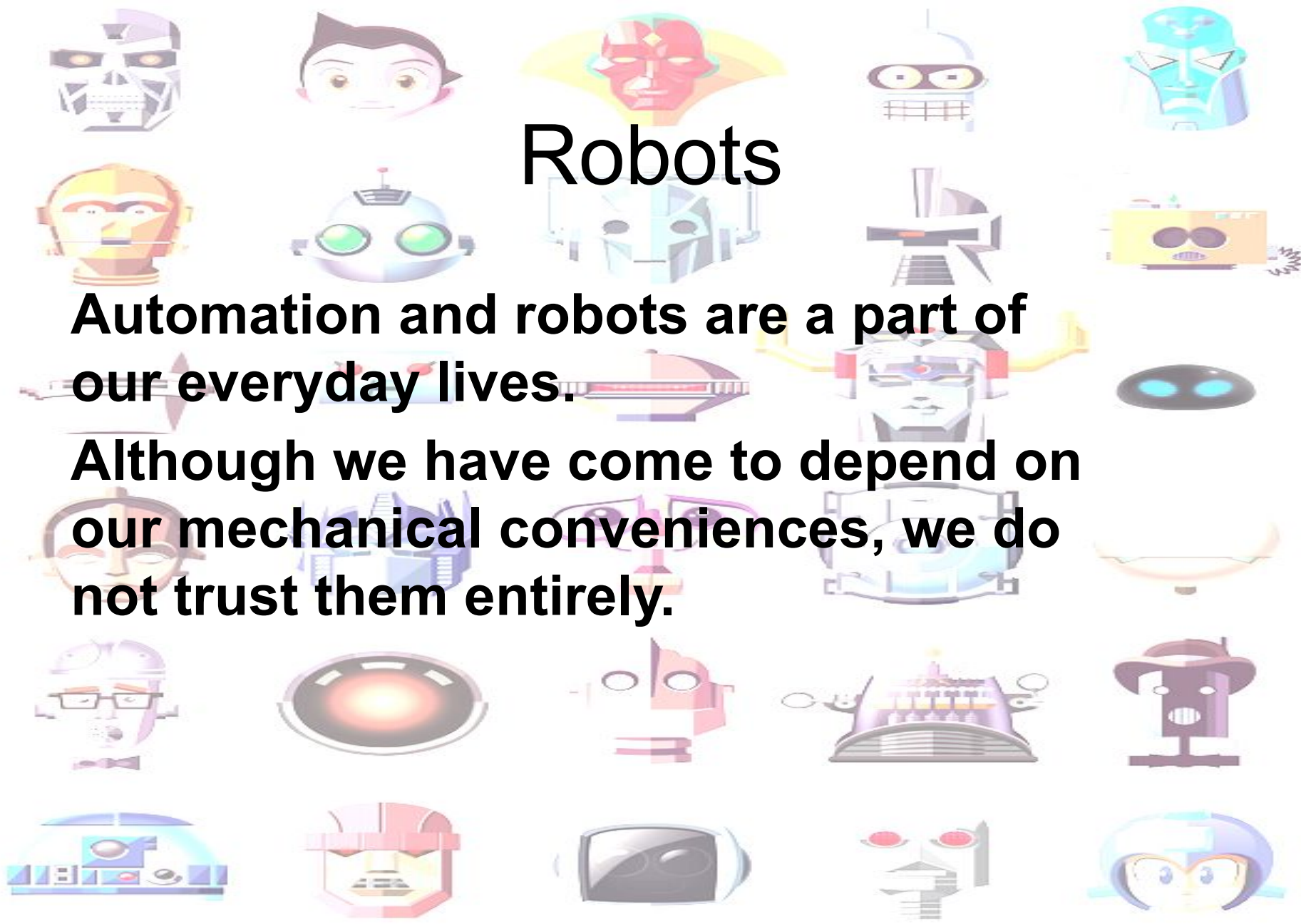


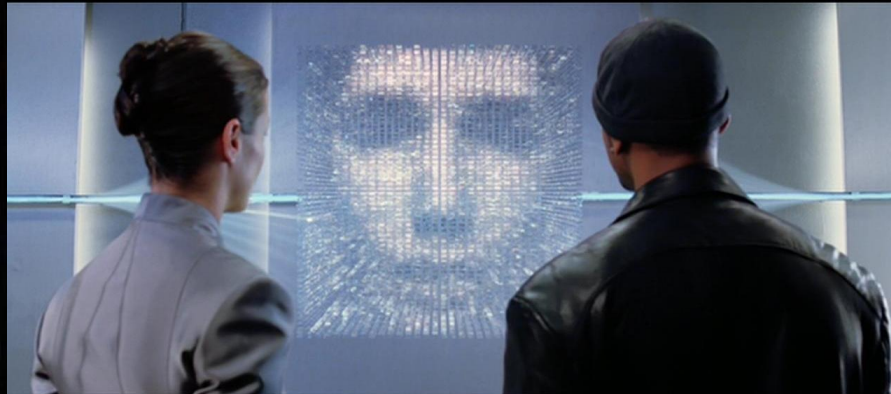
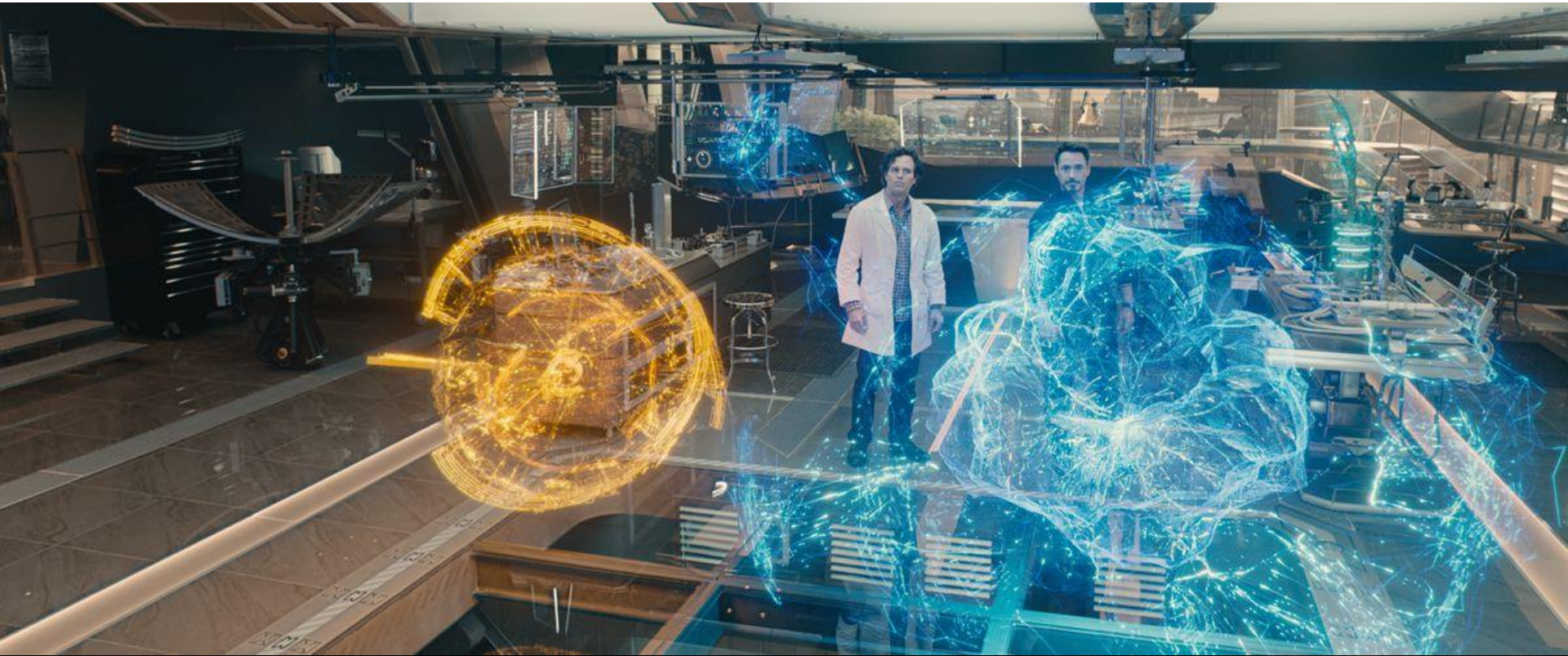
# Robots

Automation and robots are a part of our everyday lives.

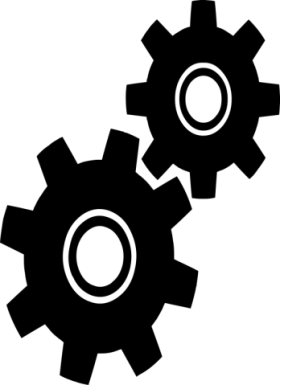
Although we have come to depend on our mechanical conveniences, we do not trust them entirely.



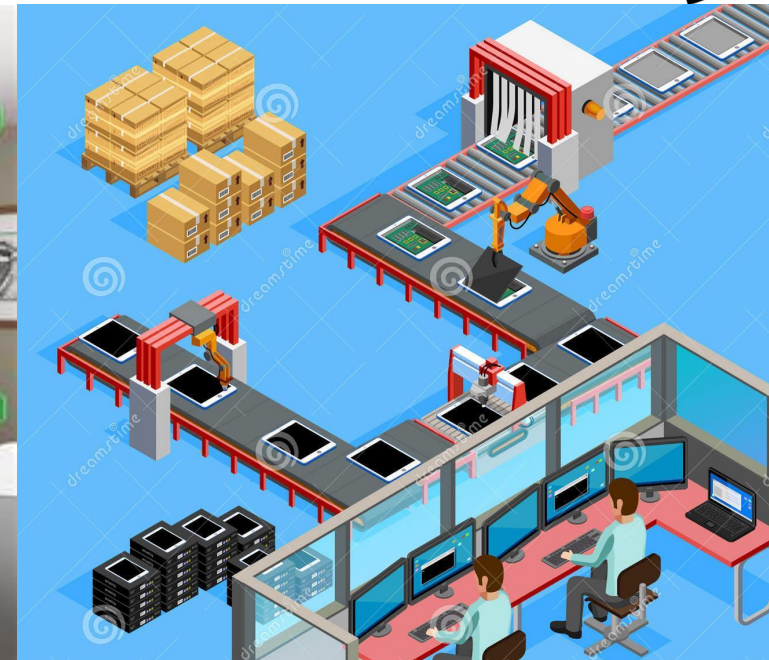
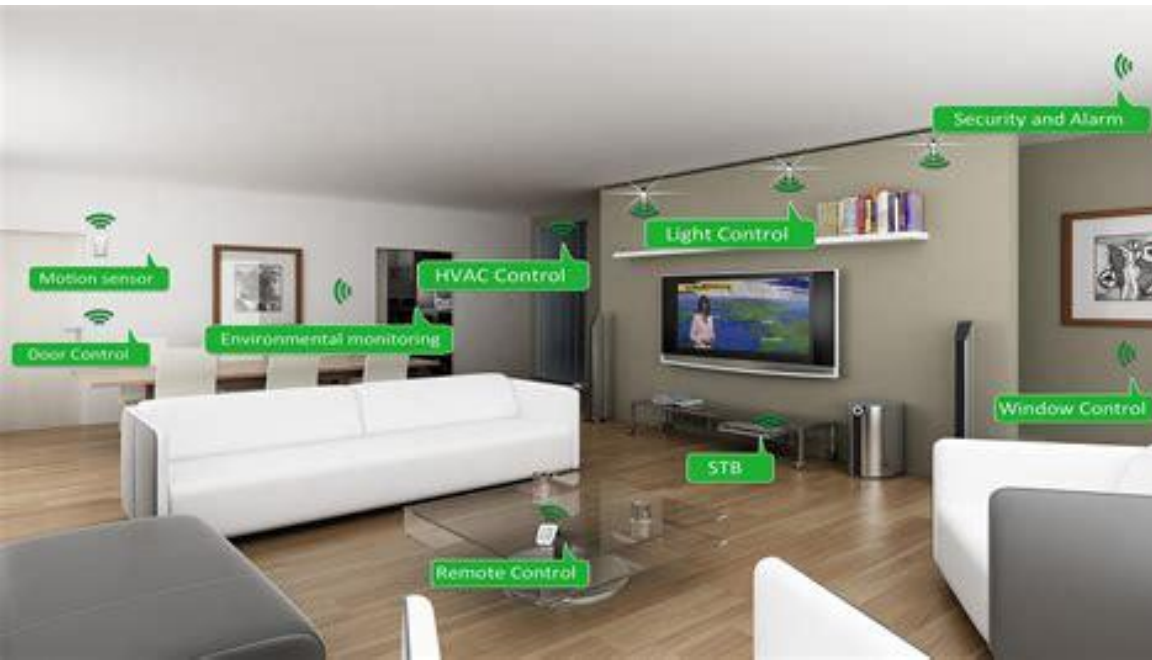
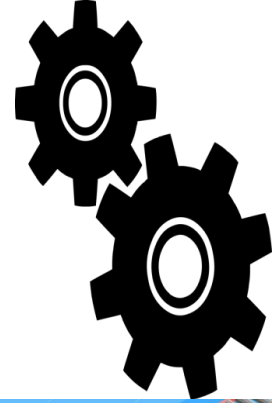
# Artificial Intelligence







# Automation at work and at home



# Robotic Applications

## ➤ EXPLORATION-

- Space Missions
- Robots in the Antarctic
- Exploring Volcanoes
- Underwater Exploration

## ➤ MEDICAL SCIENCE

- Surgical assistant

## ➤ ASSEMBLY- factories Parts-

- handling
- Assembly
- Painting
- Surveillance
- Security (bomb disposal , etc)
- Home help (grass cutting, nursing)









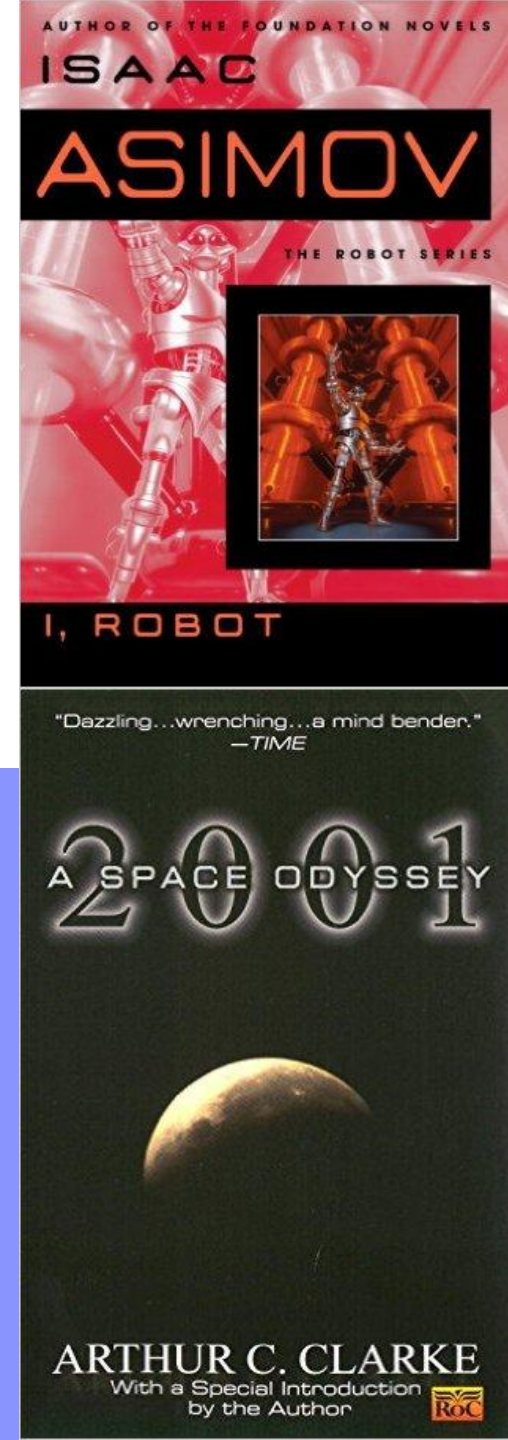
# Books

1. **I Robot**
2. **2001**
3. **Metropolis**
4. **When HARLIE Was One**
5. **Neuromancer**
6. **Do Androids Dream of Electric Sheep?**
7. **Foundation**
8. **I am Number Four**
9. **Astro Boy, series by Osamu Tezuka**
10. **The Electric Grandmother**

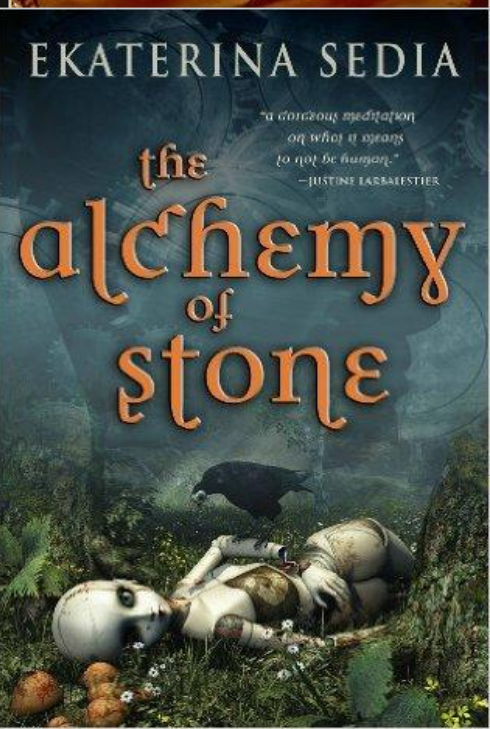
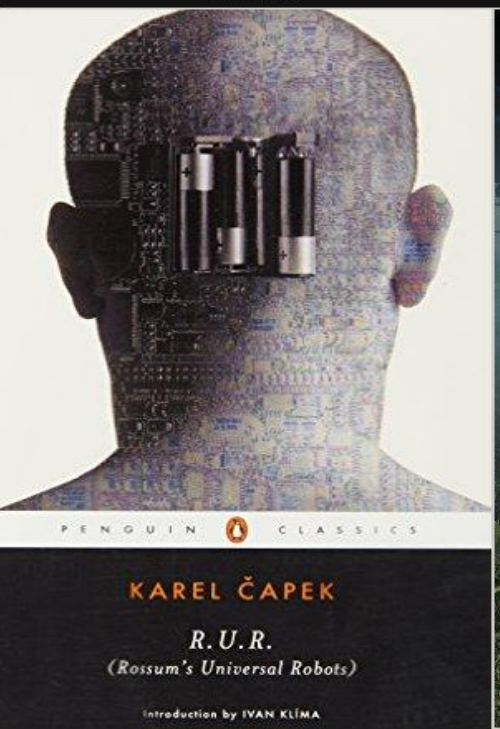
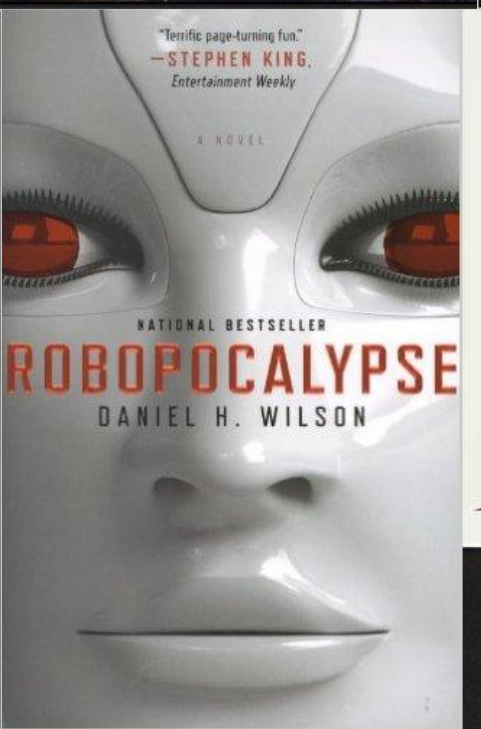
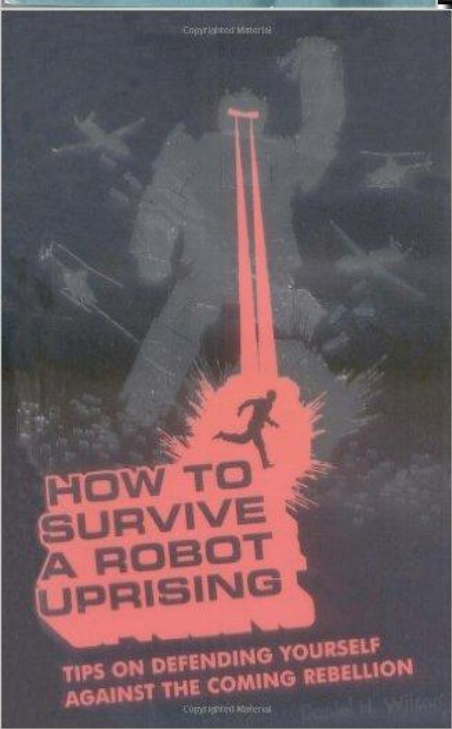
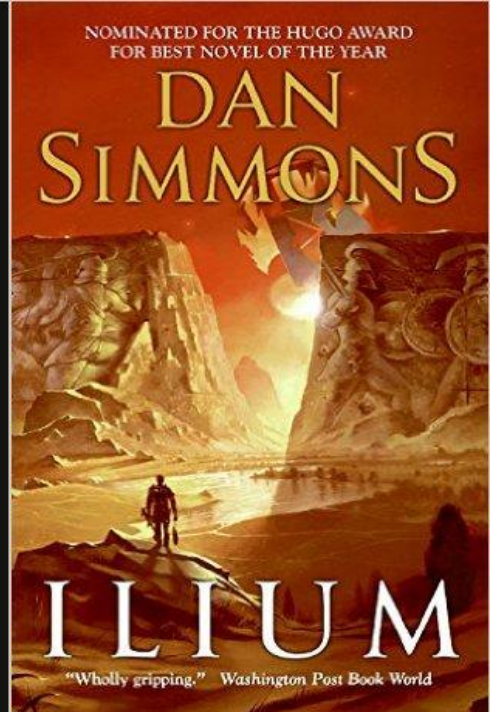
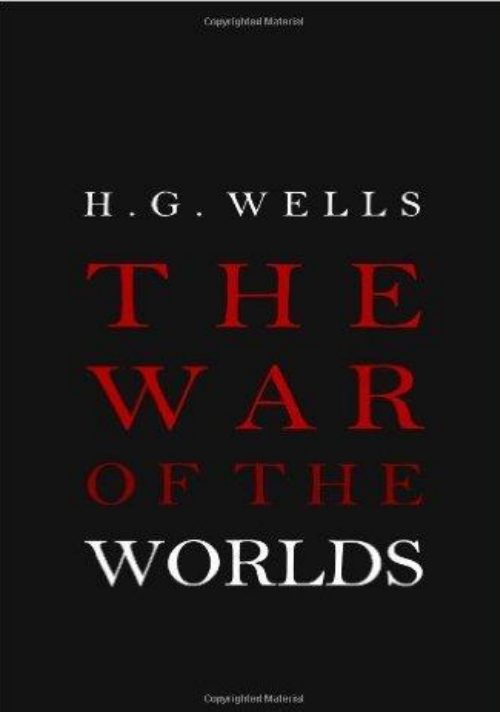
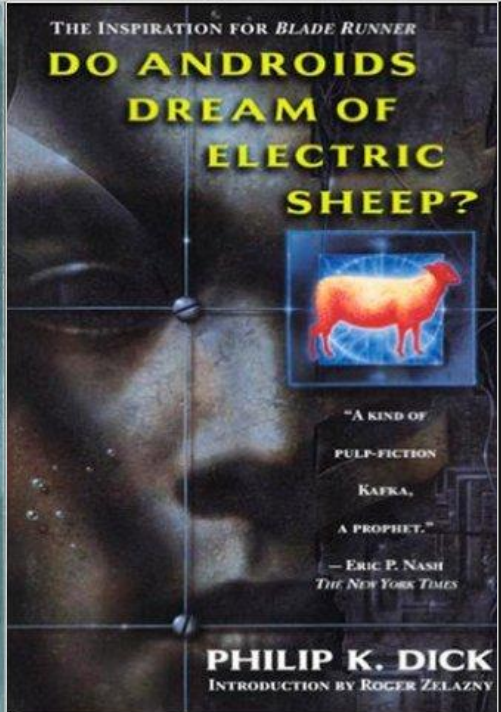
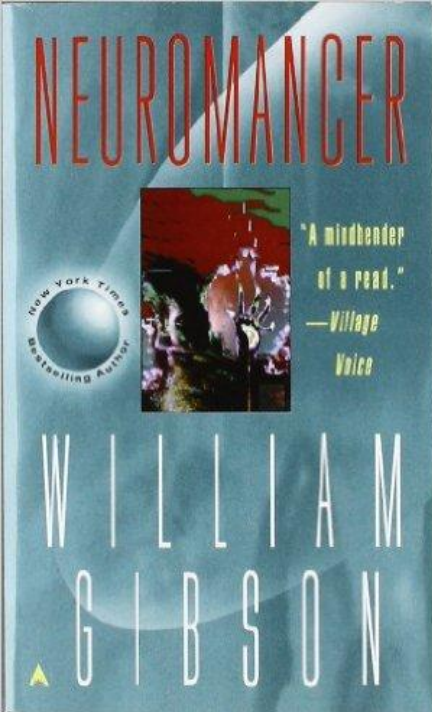


## The Three Laws of Robotics (Isaac Asimov)

1. A robot may not injure a human being, or through inaction, allow a human being to come to harm, except where that would conflict with the Zeroth law.
2. A robot must obey the orders given to it by a human being, except where that would conflict with the Zeroth or first law.
3. A robot must protect its own existence, except where that would conflict with the Zeroth, First or Second law.











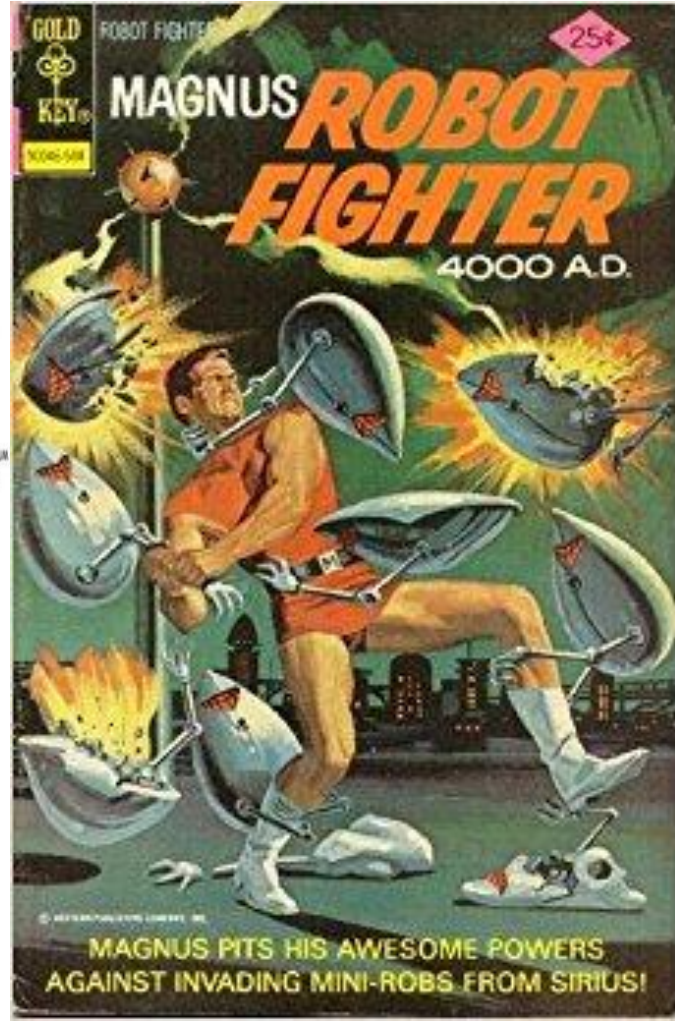
**TRANSFORMERS**

Superman, Ironman, Flash Gordon, Fantastic Four, X-Men and a host of other heroes and villains have used, worked with, and fought against robots and androids.

# Comics



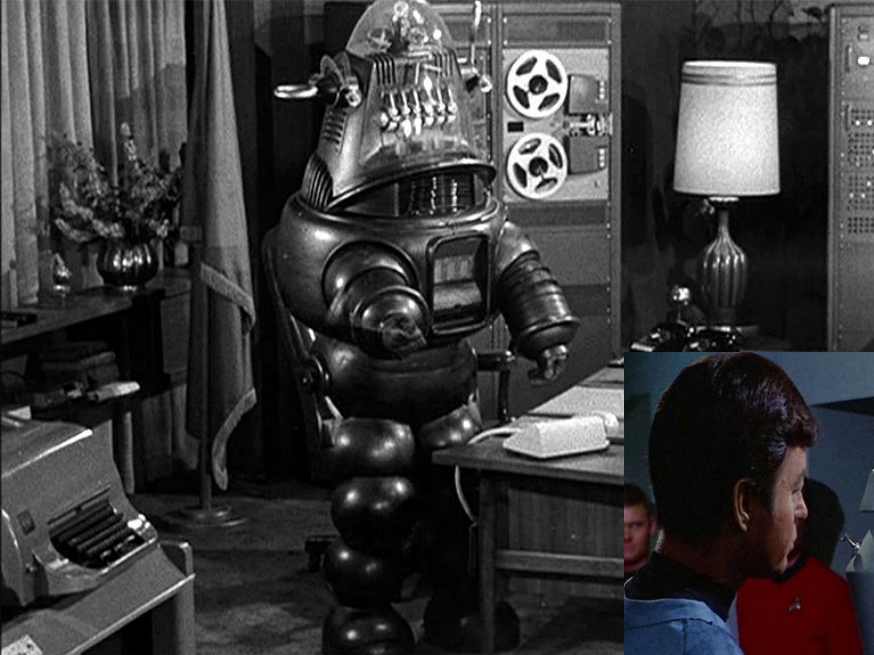
Magnus is a human who battles rogue robots in the year 4000



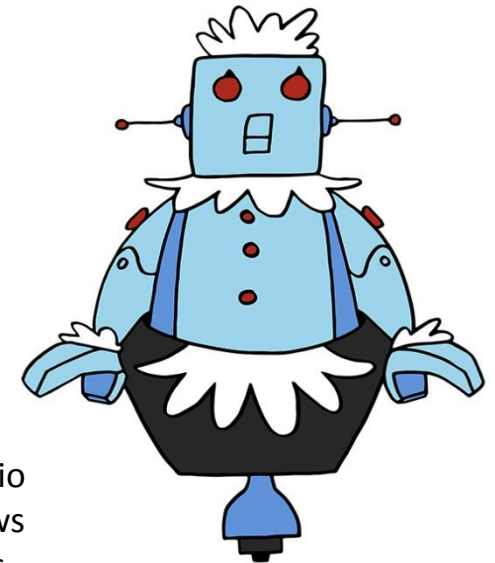


# Television

Lost in Space, Star Trek, Twilight Zone and the Jetsons



## ROSIE THE ROBOT



Television needed stories from its beginning as a 12 hour, 5 channel broadcaster to its current life as a 24 hour multi-channel hydra. Early television replicated many of the radio dramas and comedies. As those shows were about adventure, crime, heroes and villains so were many of the early TV shows were half hour stories like science-fiction theatre, The Twilight Zone, The Outer Limits and cartoons like the Jetsons.

**Name:** Rosie

**Also known as:** Rosie the Robot Maid, Model number XB-500

**First pop culture appearance:** The Jetsons (1962 TV Series)

**Also known for:** AT&T advertisement (2006 Commercial), Kanye West Heartless (2009 Music Video)

**Fictional year of manufacture:** prior to 2062

**Type of robot:** Humanoid robot

**Catchphrase:** "Never fear while Rosie is here."

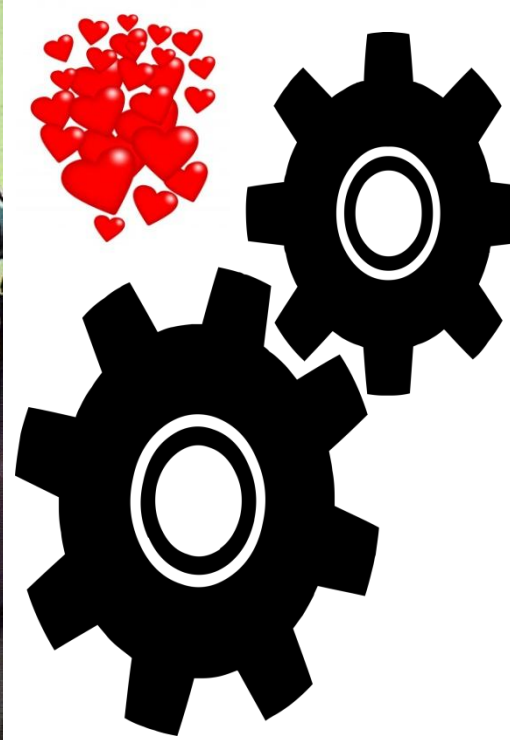


# Movies

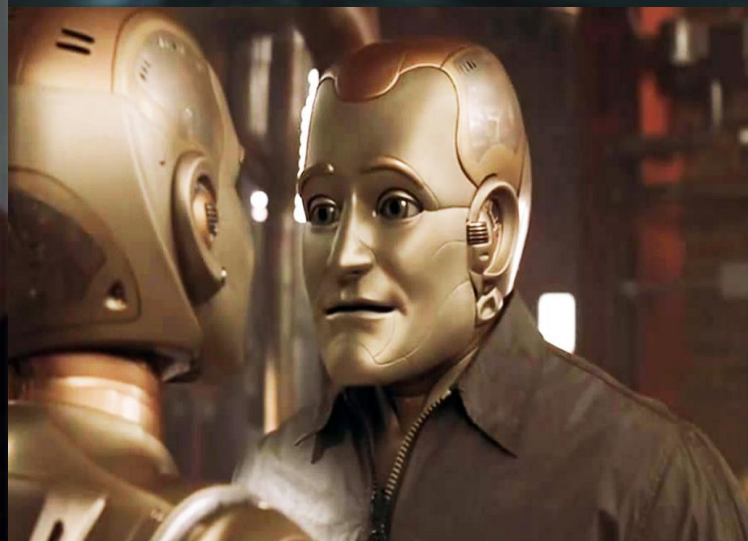
Iron Giant  
Ironman  
Star Wars  
2001  
Wall-E  
Transformers  
Real Steel  
Avengers







# Robots in Love







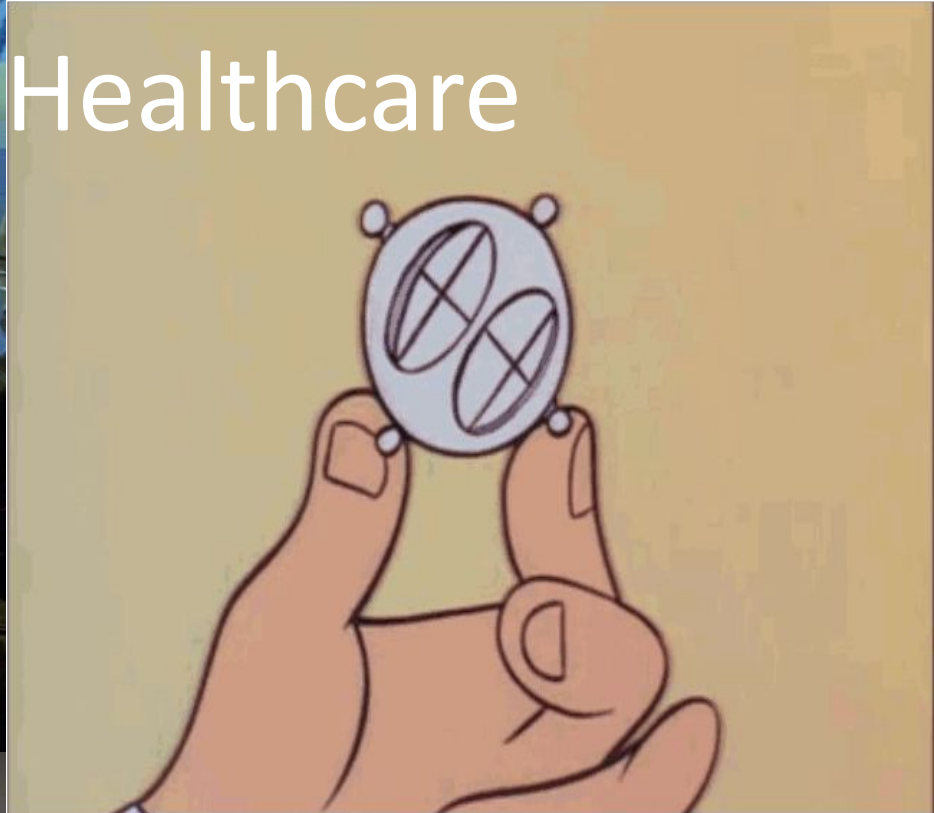
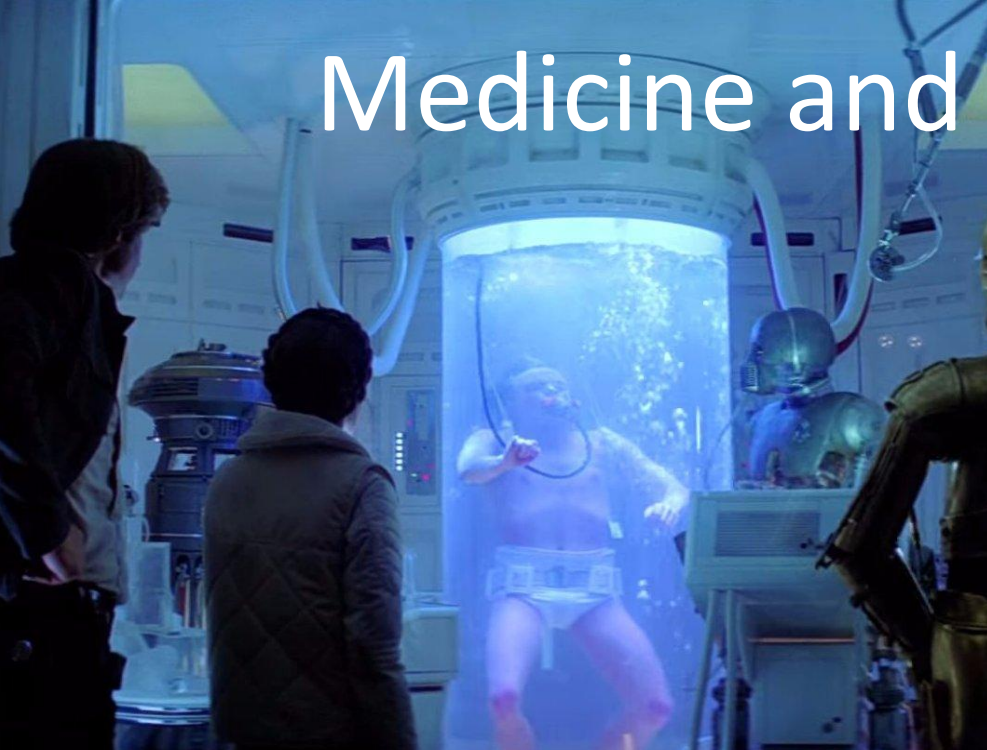
**ORBIT  
HIGH  
SCHOOL**







# Medicine and Healthcare







Bob Singer

Joe Barbera

CLAMPETT  
Animals &  
COLLECTIONS

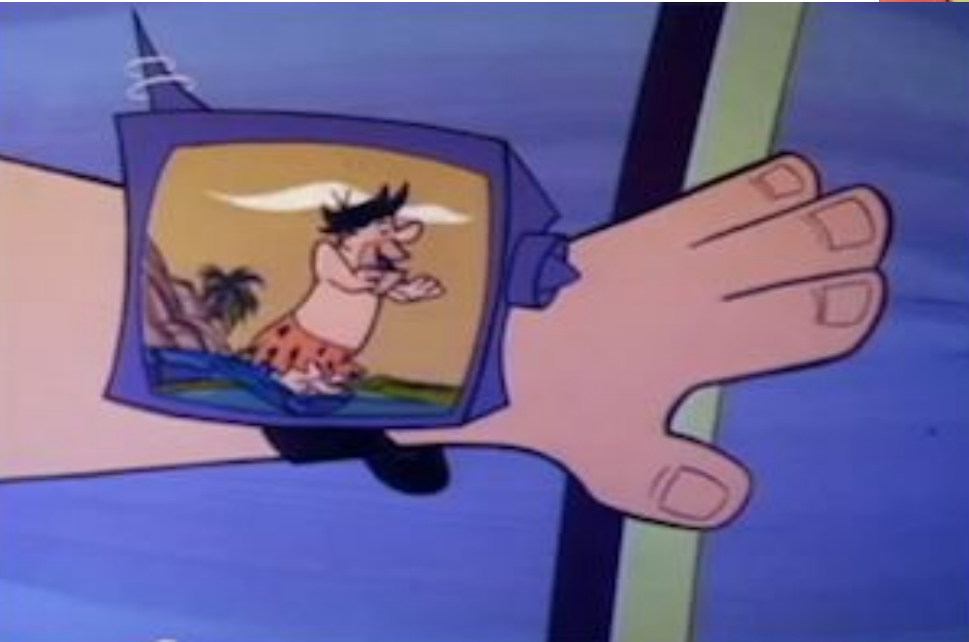
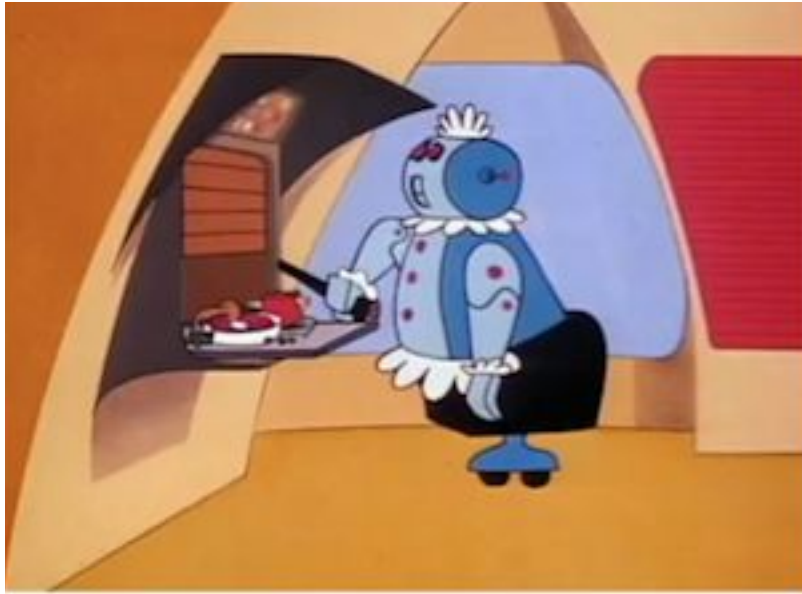
Authorized by WARNER BROS.  
TM & © Hanna-Barbera

2/100



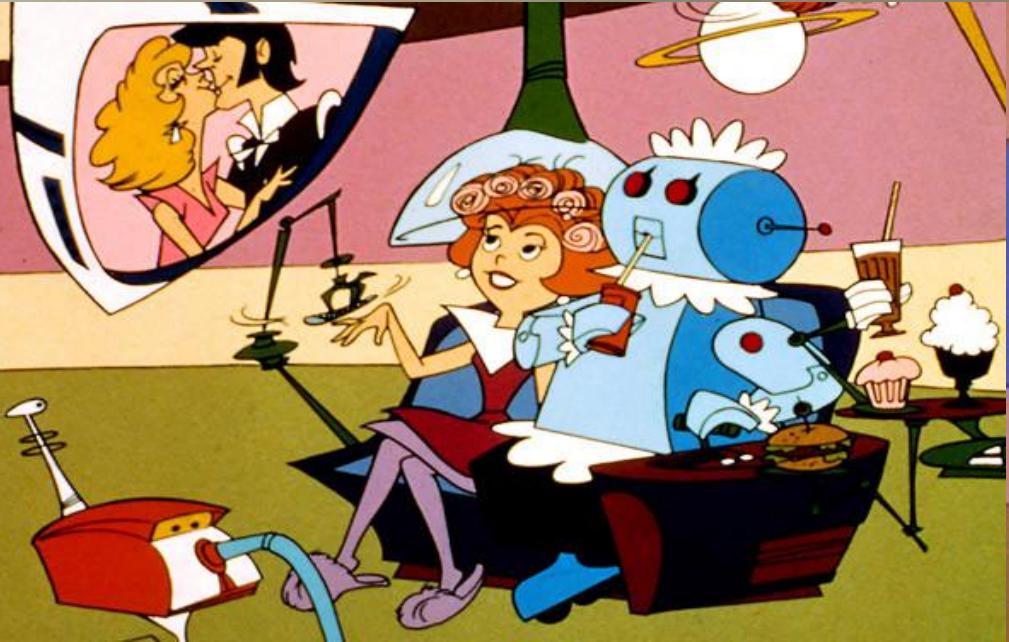
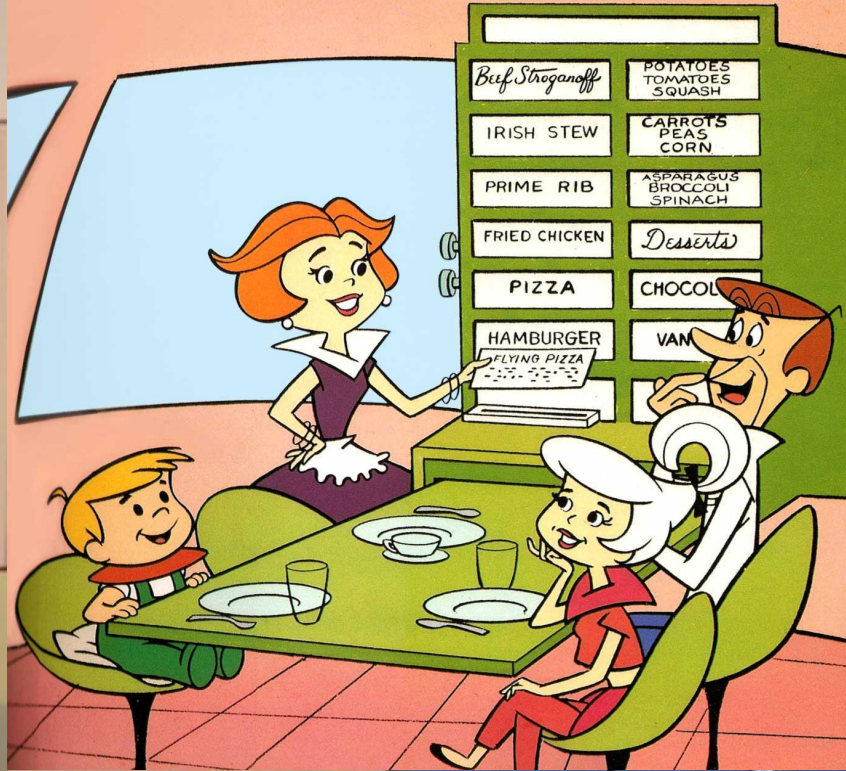








**KNUCKLES NUCLEAR  
ESCAPES PRISON**





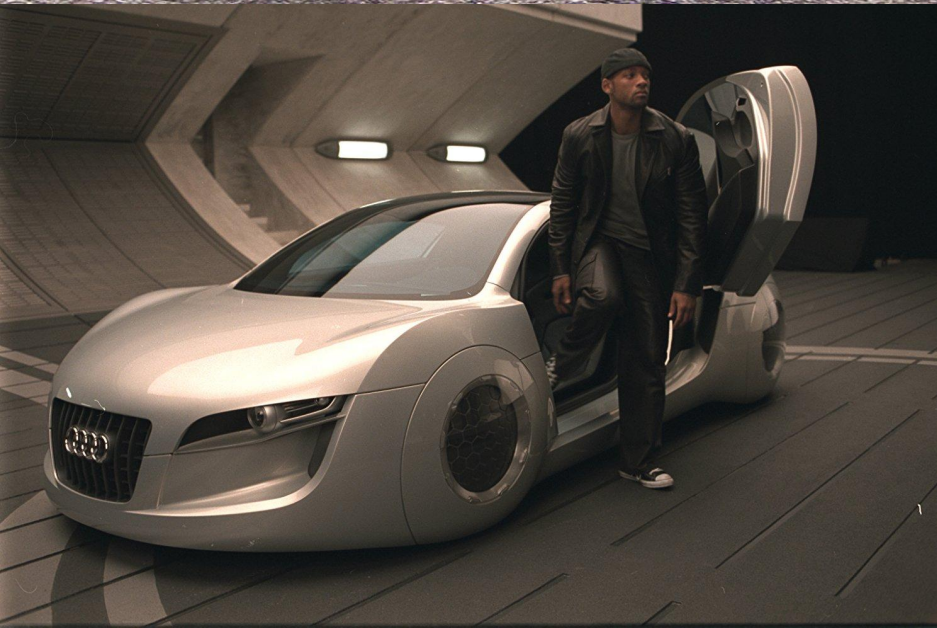


*Jetson*  
IMAGINATIVE





# Hopes

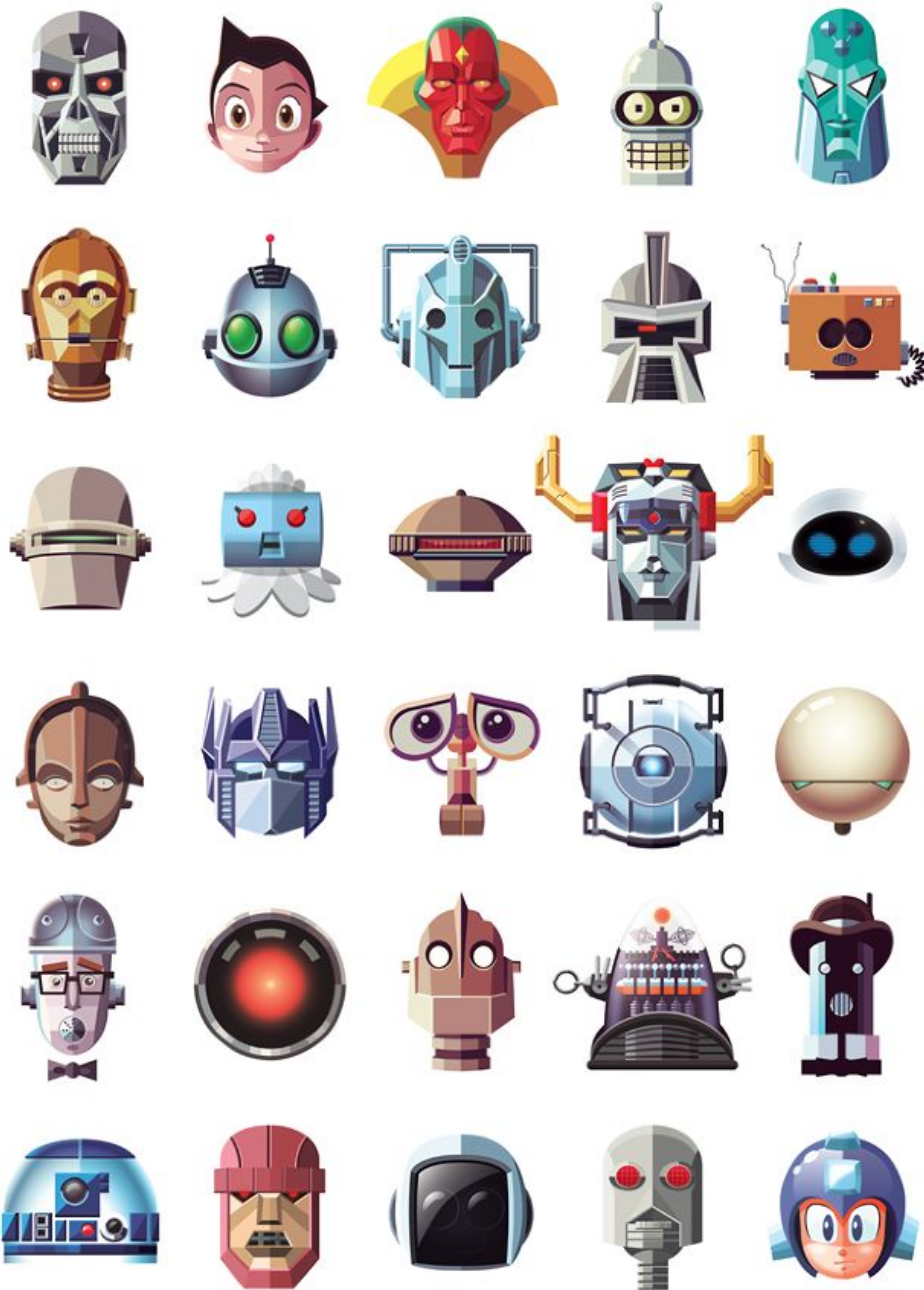




# Vocabulary

- Automation
- Robots
- Technology
- Artificial
- Intelligence
- Reality
  
- Fear
- A.I.





# FAMOUS ROBOTS

- |                 |                 |               |                       |                       |                |
|-----------------|-----------------|---------------|-----------------------|-----------------------|----------------|
| T-800, 1984     | C3PO, 1977      | GORT, 1951    | MASCHINENMENSCH, 1927 | MILES MONROE, 1973    | R2D2, 1977     |
| ASTRO BOY, 1952 | CLANK, 2002     | ROSLIE, 1962  | OPTIMUS PRIME, 1984   | HAL 9000, 1968        | SENTINEL, 1965 |
| VISION, 1940    | CYBERMAN, 1966  | ALPHA, 1993   | WALL-E, 2008          | IRON GIANT, 1999      | ASHIMO, 2000   |
| BENDER, 1999    | CYLON, 1978     | VOLTRON, 1984 | WHEATLEY, 2011        | ROBBY THE ROBOT, 1956 | HB, 1963       |
| BRAINAC, 1958   | AWESOME-O, 2004 | EVE, 2008     | MARVIN, 1978          | PNEUMAN, 1999         | MEGA MAN, 1987 |



TREKCORE.COM





