

Robots, an entertainment

Hardware & Technology SIG

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With John Baumann

ROBOT (per Dictionary.com)

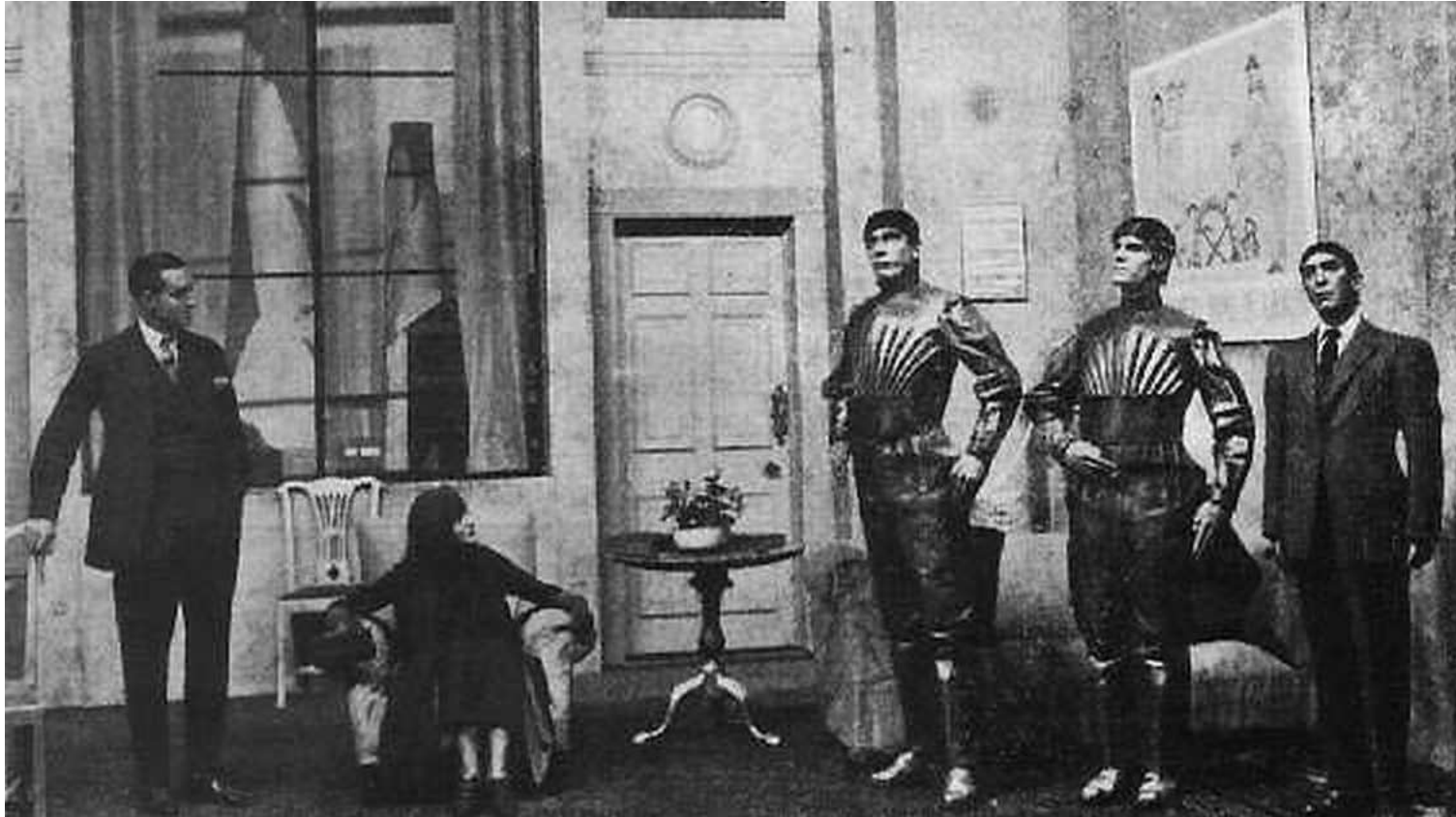
–noun

- 1. a machine that resembles a human and does mechanical, routine tasks on command.
- 2. a person who acts and responds in a mechanical, routine manner, usually subject to another's will; automaton.
- 3. any machine or mechanical device that operates automatically with humanlike skill.
- –adjective
- 4. operating automatically: a robot train operating between airline terminals.
- Origin:
- < Czech, coined by Karel Čapek in the play R.U.R. (1920) from the base robot-, as in *roboťa* compulsory labor, *robotník* peasant owing such labor

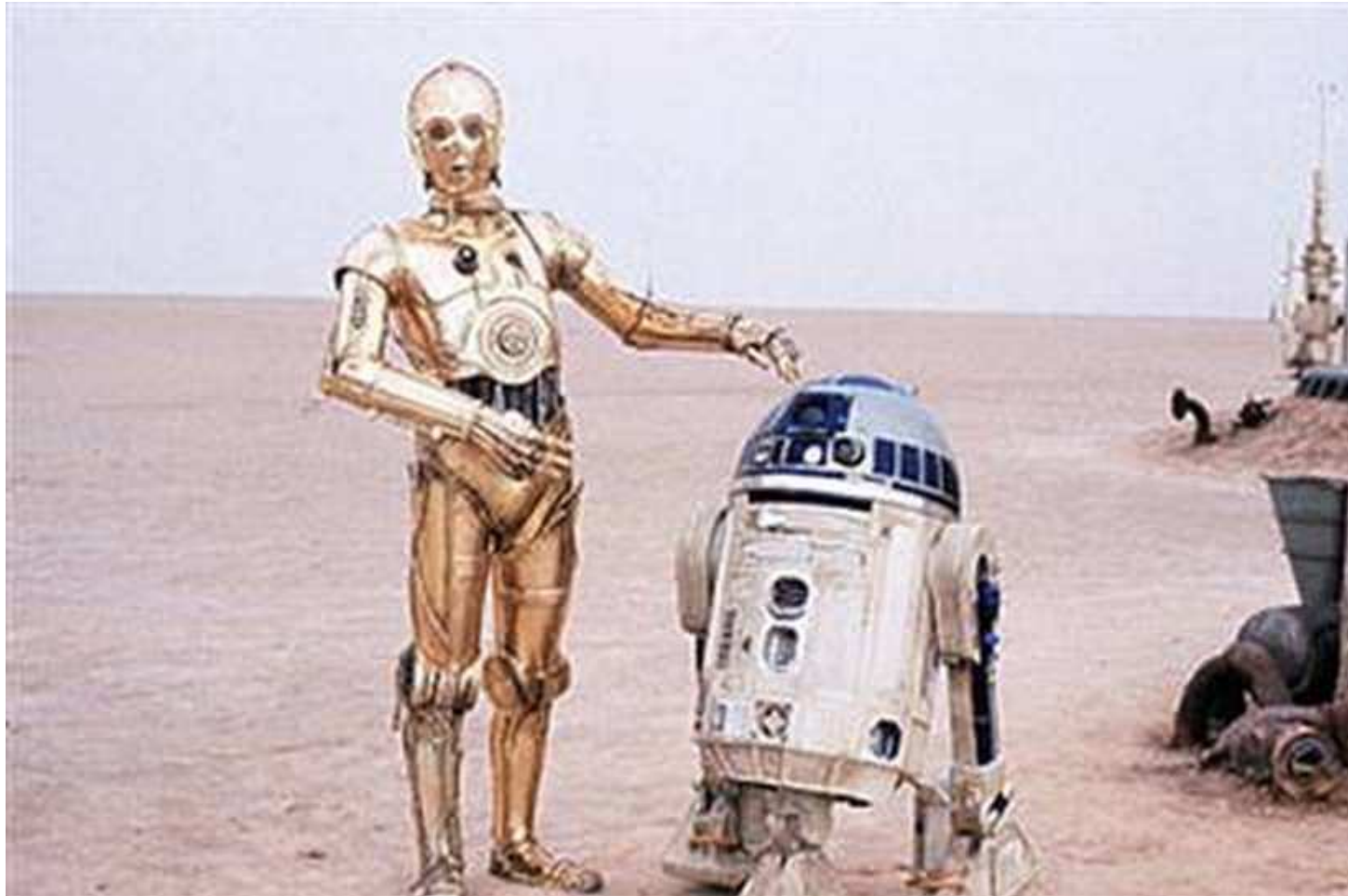
Robot, per jcb

- A free moving mechanical device capable of some independent action.

Scene from RUR



C3PO and R2D2



Three Laws of Robotics per Isaac Asimov

- 1. A robot may not injure a human being or, through inaction, allow a human being to come to harm.
- 2. A robot must obey orders given to it by human beings, except where such orders would conflict with the First Law.
- 3. A robot must protect its own existence as long as such protection does not conflict with the First or Second Law.
- Source: Wikipedia

Links to Clips

- Toyota violin playing robot - <http://www.youtube.com/watch?v=EzjkBwZtxp4&NR=1>
- Honda Asimo runs - <http://www.youtube.com/watch?v=B76fdllp3wg>
- Honda Asimo oops - <http://www.youtube.com/watch?v=B7QEU4GDrUk&feature=related>
- Little dog robot - <http://www.youtube.com/watch?v=JYptK21vAgQ&feature=related>
- Big dog robot - <http://www.youtube.com/watch?v=W1czBcnX1Ww&NR=1>