

Humans and Robots: Towards a New Social Order ?

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Hypothesis

- Robots may integrate social hierarchies and that is not necessarily bad
- If integration is done in small steps social equilibrium is not (greatly) disturbed,

What are the issues ?

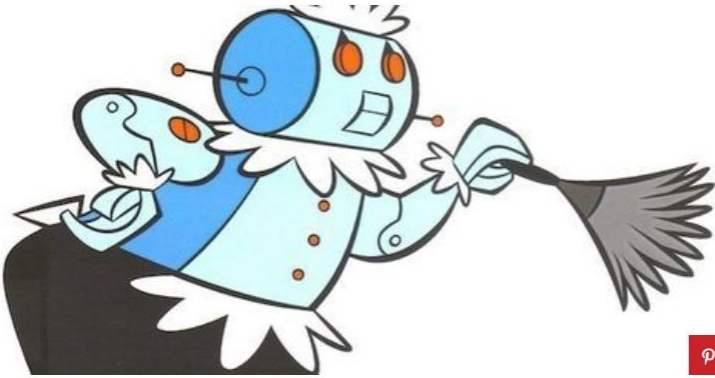


People are afraid of being watched ...

What are the issues ?

Humans Much More Willing To Take Orders From a Robot

I'm a robot: Read this article.

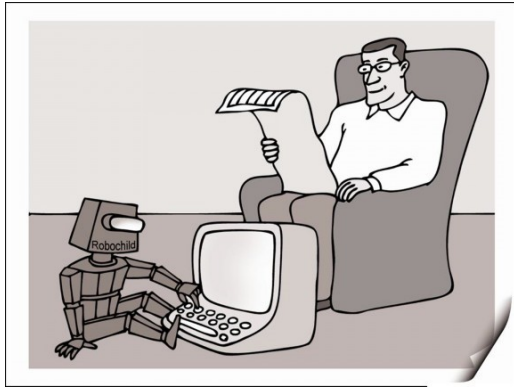


<http://www.esquire.com/news-politics/news/a27913/robots-give-better-directions/>

- Robots may issue orders to humans
 - Orders involving moral may be questioned
 - “Moral free” orders may be ok

Some research suggests that humans may follow orders by a robot, even if they don't want to do it

Amoral Robots



<http://www.daytradingcoach.com/automated-forex-trading-systems.html>



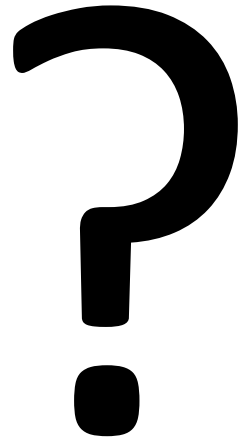
<https://www.quantinsti.com/blog/artificial-intelligence-machine-learning-in-trading/>



- Domain specific robots
- Crashes happen ...

Humans may receive orders indirectly from the robots ...
and they don't mind

Moral Reasoning Capable Robots



To some extent, yes. But robots cannot be more moral than humans,
(Bringsjord, 2017)

Is This Different from Having a Robot up in the Social Hierarchy ?



Some forecasting ...



<https://www.mckinsey.com/business-functions/digital-mckinsey/our-insights/where-machines-could-replace-humans-and-where-they-cant-yet>

“... a series of rules, governing in particular liability, transparency and accountability, are useful, reflecting the intrinsically European and universal humanistic values that characterise Europe's contribution to society, are necessary; whereas those rules must not affect the process of research, innovation and development in robotics; ...”

(EP resolution, Feb 2017)

Affraid of Changing Social Equilibrium?

“... replacing the human factor with robots could dehumanise caring practices ...”

(EP resolution , Feb 2017)

Yes, we are.

If we don't left some morality to robots ...

“... development, programming and use of robots and AI ... so that it serves humanity ...”,
(EP resolution , Feb 2017)

In fact, all we want are ... slaves

References

- “Where machines could replace humans – and where they can’t (yet)”. Michael Chui, James Manyika, and Mehdi Miremadi. McKinsey Quarterly, July 2016
- P8_TA-PROV(2017)0051, Civil Law Rules on Robotics , European Parliament resolution of 16 February 2017 with recommendations to the Commission on Civil Law Rules on Robotics (2015/2103(INL))
- “A 21st-Century Ethical Hierarchy for Robots and Persons: EH”. Selmer Bringsjord. In *A World With Robots*. I. Ferreira, J. Sequeira, O. Tokhi, G.Virk, E. Kadar (eds), Springer 2017