

Criminal behavior and accountability of artificial intelligence systems

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Propositions accompanying the dissertation

CRIMINAL BEHAVIOR AND ACCOUNTABILITY OF ARTIFICIAL INTELLIGENCE SYSTEMS

by

ALICE GIANNINI

- 1 AI systems have the capacity to act in a way that generally can be considered by society as “criminal”.
- 2 AI systems lack (criminal) agency – and the feeling of it.
- 3 In the future humans might develop expectations of norm-conforming behavior towards AI systems (i.e., “normative expectations”).
- 4 Criminal law is not the right answer for AI-related harm, even though holding AI systems directly liable could be useful – to a certain extent.
- 5 Folks hold robots to higher moral standards: they blame them more than humans when robots fail.
- 6 “Criminal law is a perennial plant of ancient origin, found everywhere” (Hall, 1962).
- 7 The occurrence of AI systems does not represent the only time that criminal law theory has had to deal with the “shock” of new scientific developments.
- 8 Discussing criminal liability of *new artificial agents* brings about pioneering perspectives on criminal liability of *humans*.
- 9 Artificial intelligence is no match for human stupidity.
- 10 The more I learn, the less I know.

