Deontic Logics and Normative Reasoning – Introduction

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Talk

In our world that has become more and more algorithm-driven a new fear is beginning to manifest itself: Robots killing by algorithms. The 2017 film Slaughterbots shows hundreds of miniature drones with explosives attached, that are being dropped out of a plane and forcely intrude a lecture room, where they find their targets, mere students, by facial recognition and explode on contact, instantly killing the students.

In search of a prevention of this very plausible near future scenario, could we possibly find a solution with ethics.

In this talk we will take a look at Deontic Logic and Norms, that might prevent such a catastrophy. On the one hand we may find an ethical solution to the catastrophy and many other problems in politics and our everyday life with Deontology. On the other hand we might find a use of deontological models in our machines and algorithms, that would find a more ethical solution to the decision making process.

In this talk we will get an overview of what Deontic Logic is. We will take a look at what makes them different from other theories. Mostly by looking at Agent-Centered Theories and Patient-Centered Theories. These are specific to Deontology and wont come up in Consequentialism, which is a somewhat antagonistic view to Deontology. Further, what are the strengths and weaknesses of Deontology and how do we find a well suited normative system, to solve our ethical problems.

References

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