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Essay, first draft

Essay Question : Do you think which one needs to be considered? Legislation to protect humans from robots and/or Legislation to protect robots from humans.

Title

The capabilities of the machine species was once the subject of science fiction, but it is part of the reality we live in today. Some works of fiction and their creators were once convinced that some laws might be needed, such as Asimov's I-robot and the 3 laws of robots mentioned in the book. It seems that today we really have to sit down and seriously consider some legal regulations. While doing this, we should pay special attention to two things. First of all, since these machines will act in accordance with the directives they receive from their software, many of potential problems they might cause can actually be solved by regulative arrangements in the design and coding stages. On the other hand, these regulations should not only be aimed at protecting humankind but also just as Asimov wrote years ago, machines should have their own rights, such as maintaining their own existence. If what we mean here is sensitive robots, which Kurzweil calls "spiritual machines", it is important to provide a feature that is going to be emphasized. Asimov stated that his 3rd law, which is the law of self-protection of robots, works with the sufficient condition of the first two laws. However, I think that robots' self-preservation instinct can form the basis of why they should protect other humans and living things, just like we humans do. There is no doubt that we need some legislation for both humans and robots. These legislation should be enacted to ensure that potentially undesirable situations do not occur, such as: ensuring that generations born into a world with robots in the near future continue to perceive what reality is; ensuring that robots can stay away from potential accidents by enabling them to have advanced algorithms that can analyze the unpredictable and extraordinary situations of nature, and to prevent sensitive robots from being used for malicious purposes.

The phenomenon, called the "Technological Singularity", which refers to the machine species to go beyond the potential of the humankind in terms of both physical and mental development, is almost being occurred today. It seems that this is inevitable. In this reality, it is predicted that robots not only learn what is happening around them, but also process the information they learn. This is basically the main function of the human brain. What we make different is our ability of feelings. However, scientists are skeptical of the claim that this is impossible for robots to learn. If there is such a possibility, and if we, as humans, desire to protect ourselves from potential dangers of this situation, we must first encode empathy and self-protection instinct in the software of them. Robots can thus have a better perspective on why we humans should protect ourselves. Asimov claimed that this works in reverse. Robots must first protect us and then develop a protection mechanism for themselves. Robots must first protect us and then develop a protection mechanism for themselves. However, we witness that this situation does not work very well even in the book, I robot, in which robot laws are expressed. This situation is criticized by authors Murphy and Woods

as follows: “In most situations, although the robots usually behaved “logically,” they often failed to do the “right” thing, typically because the particular context of application required subtle adjustments of judgment on the part of the robot (for example, determining which law took priority in a given situation, or what constituted helpful or harmful behavior)” (14). What authors state is valid because we live on such a volatile planet that it is almost impossible to make a perfect image of our life and code it.

Moreover, if we mistakenly (!) encode some of our peculiarly unsound features (such as arrogance, selfishness, envy) into machines, as human beings who can make mistakes, we will produce a selfish armed army against ourselves.