“SOPHISTICATED ROBOTS”: BALANCING LIABILITY, REGULATION, AND INNOVATION

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Robotics is one field where everyday technology is growing and getting closer to the human day to day life. Apparently, our life has changed by mobile “sophisticated robots” with increasing autonomy, intelligence and interconnectivity among themselves. Autonomous vehicles are one example for this. Many people who suffer physical injuries from these robots will seek legal redress for their injury, and regulatory schemes are likely to impose requirements to reduce the number and severity of injuries. The article deals about the law and regulation involved in the robotics implementation and a balance provided between the usability and liability. The issue of whether the current liability and regulatory systems provide a fair, efficient method for balancing the concern for physical safety against the need for innovation to develop these robot.

The intelligence, mobility, size, interconnections for safety are the context to be discussed & developed to summarise & improvise the current legal framework for addressing personal injuries. The Article argues that the legal system’s method of addressing physical injury from robotic machines that interact closely with humans has provided an appropriate balance of innovation and liability for personal injury. The legal schemes for regulating the development and use of robots and for allocating the costs of injuries from robots have successfully balanced innovation and safety in a fair, efficient manner for decades. The current system has taken the responsibility to provide this balance and work accordingly both with the technology and legal aspects validating the critics’ points of concerns.