
robotics, robot vacuum cleaners, unmanned taxis and robots for cleaning radioactive waste are mixed in one pile. At the end, the conclusion is made that the absence of robots in Skolkovo or Rusnano is a logical consequence of their inefficiency: Strange, but somehow not too much while spoiling us the news from the field of robotics from such "advanced points" as Skolkovo or Rusnano. But this only convinces us that many times voiced by many authors of the Military Review, doubts about their effectiveness are still valid. The volume of annual global supplies of industrial robots, thou The vision agent is aimed at advancing the state of art in the field of robotics by introducing and integrating different AI techniques that are a unique opportunity for providing effective greater degrees of autonomy for robotic systems (Chella, Frixione, & Gaglio, 1998). View. Show abstract.

SPIDER (space inspection device for extravehicular repairs) is the strategic long-term programme in the field of Space Automation and Robotics started by the Italian Space Agency. In the frame of the programme, a free-flying space robot with a high degree of autonomy, designed to perform inspection and repair tasks in the proximity of orbital structures will be developed. For the U.S., industrial regulations and robot law are about ensuring worker safety. In November 2015, the National Institute for Occupational Safety and Health (NIOSH) released a blog on robots and worker safety. According to the authors, NIOSH is the only government agency in the U.S. developing guidance for safe interactions between human and robot. The authors propose four guidelines for human safety with robots, including workplace safety standards for maintenance, operation, and interaction with human workers. In addition, the U.S. and Canada have developed a uniform regulation as the basis for predictions and decisions. At the same time, AI is just one technique for automating decisions, and other, older software tools. When attempting to adapt these technologies for public ends, governments have struggled to access needed expertise and to navigate normative and legal concerns related to equal treatment, privacy, and other ethical challenges. To leverage new technologies in ways that prioritize the public good, technical expertise, and knowledge is vital. Automation and the quantified society are transforming areas of vital concern to NetGain and its allies. We hope this paper provides a clear frame and a useful starting point for the high-impact discussions that lie ahead. -- 9. AUTOMATION & THE QUANTIFIED SOCIETY Introduction.