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Nota di contenuto	1 Rainer Bischoff and Werner Kraus, Robotics Applications -- 2 Paolo Dario et al., Medical Robots -- 3 Aníbal Ollero and Guillermo Heredia, Aerial Robots -- 4 Roberto Lampariello, Orbital Robotics -- 5 Gianluca Antonelli, Underwater Robots -- 6 Robin R. Murphy, Rescue Robots -- 7 Amit Kumar Pandey, Introduction to Social Robotics. An Intersection of Robotics and Society -- 8 Guglielmo Tamburrini, Roboethics.
Sommario/riassunto	It is often read in the media that AI and Robotics are the primary cause of technology unemployment. AI and machine learning techniques are expected to take over lower-level tasks, while humans can spend more time with higher-level tasks. In perspective, it can be said that jobs requiring boring cognitive tasks or repeatable and dangerous physical tasks will be considerably shredded by automation thanks to the wide

adoption of AI & Robotics technology to replace humans, while jobs requiring challenging cognitive tasks or unstructured physical tasks will be suitably re-engineered with the progressive introduction of AI & Robotics technology to assist humans. From the discussion above, it should be clear that in a world populated by humans and robots, issues arise that go beyond engineering and technology due to the impact resulting from the use of robots in various application scenarios. The anthropization of robots cannot ignore the resolution of those ethical, legal,sociological, economic (ELSE) problems that have so far slowed their spread in our society. The final book of the Robotics Goes MOOC project enlightens the impact of using robotic technology in the main fields of application, namely, industrial robots as in Chapter 1 by Bischoff et al, medical robotics as in Chapter 2 by Dario et al, aerial robots as in Chapter 3 by Ollero et al, orbital robotics as in Chapter 4 by Lampariello, underwater robots in Chapter 5 by Antonelli, and rescue robots as in Chapter 6 by Murphy. The last part is devoted to the open dilemma of using and accepting robots in human co-habited environments which is addressed in Chapter 7 on social robotics by Pandey and the very final chapter by Tamburrini on the important issues raised with roboethics. The image on the cover metaphorically illustrates the impact paradigm of robotics through a hand holding bitten an apple. The content published here are linked to a series of MOOCs on Robotics specifically created and hosted by Federica Web Learning. You can access the related content via our app: download the SN More Media app for free, scan the link and access directly to the online courses on your smartphone or tablet.