1. Record Nr.   UNISA996466174403316

   Titolo   Towards Autonomous Robotic Systems [[electronic resource]] : 18th
                         Annual Conference, TAROS 2017, Guildford, UK, July 19–21, 2017,
                         Proceedings / / edited by Yang Gao, Saber Fallah, Yaochu Jin,
                         Constantina Lekakou

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                         2017

   ISBN   3-319-64107-7

   Edizione   [1st ed. 2017.]

   Descrizione fisica   1 online resource (XIII, 705 p. 400 illus.)

   Collana   Lecture Notes in Artificial Intelligence ; ; 10454

   Disciplina   629.892

   Soggetti   Artificial intelligence
                         Special purpose computers
                         Computer communication systems
                         User interfaces (Computer systems)
                         Artificial Intelligence
                         Special Purpose and Application-Based Systems
                         Computer Communication Networks
                         User Interfaces and Human Computer Interaction

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di contenuto   Swarm and multi-robotic systems -- Human-robot interaction --
                         Robotic learning and imitation -- Robot navigation, planning and safety
                         -- Humanoid and bio-inspired robots -- Mobile robots and vehicles --
                         Robot testing and design -- Detection and recognition -- Learning and
                         adaptive behaviours -- Interaction -- Soft and reconfigurable robots --
                         Service and industrial robots.

   Sommario/riassunto   This book constitutes the refereed proceedings of the 18th Annual
                         Conference on Towards Autonomous Robotics, TAROS 2017, held in
                         Guildford, UK, in July 2017. The 43 revised full papers presented
                         together with 13 short papers were carefully reviewed and selected
                         from 66 submissions. The papers discuss robotics research drawn from
                         a wide and diverse range of topics, such as swarm and multi-robotic
                         systems; human-robot interaction; robotic learning and imitation;

robot navigation, planning and safety; humanoid and bio-inspired robots; mobile robots and vehicles; robot testing and design; detection and recognition; learning and adaptive behaviours; interaction; soft and reconfigurable robots; and service and industrial robots.