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Towards Autonomous Robotic Systems Lyuba Alboul, Dana Damian, Jonathan M. Aitken, 2016-06-24 This book constitutes the refereed proceedings of the 17th Annual Conference on Towards Autonomous Robotics TAROS 2016 held in Sheffield UK in June July 2016 The 23 revised full papers presented together with 15 short papers were carefully reviewed and selected from 56 submissions The overall program covers various aspects of robotics including navigation planning sensing and perception flying and swarm robots ethics humanoid robotics human robot interaction and social robotics

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Advances in Web-Age Information Management Guozhu Dong, Chanjie Tang, Wei Wang, 2003-09-09 With advances in the Internet and technologies around the World Wide Web research on design implementation and management of Internet and W based information systems has become increasingly important As more and more information of diverse type becomes available on the Internet and Web query and retrieval as well as the management of information over the Internet become more complex and extremely di cult Novel approaches to develop and manage Internet and Web information systems are in high demand Following the successful

conferences in 2000 2001 and 2002 WAIM 2003 continued to provide a forum for researchers professionals and industrial practitioners from around the world to share their rapidly evolving knowledge and to report on new advances in Web based information systems WAIM 2003 received an overwhelming 258 submissions from Australia Canada China Denmark France Germany Greece Hong Kong Japan South Korea Pakistan Singapore Sweden Switzerland Taiwan Thailand UK USA and Vietnam Through careful review by the program committee 30 papers were selected as regular papers and 16 papers as short papers As indicated by these numbers WAIM 2003 is extremely selective 11 and 17 areas respectively including text management data mining information ltering moving objects views bioinformatics Web and XML multimedia peer to peer systems service networks time series streams and ontologies Two invited talks by Sushil Ja dia George Mason University USA and Beng Chin Ooi National University of Singapore were on access control models and peer to peer systems

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