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Computing Techniques and Their Applications III -- Information Engineering and Ubiquitous Computing -- Location and Context-Based Systems -- e-Based Systems in Education, Commerce and Health -- Computational Biology and Bioinformatics -- Complex Adaptive Systems -- Communicative Intelligent III -- Speech Processing and Robotics -- Data Mining and Soft Computing Applications I -- Multimedia Security and Steganography -- Steganography -- Soft Computing Approach to Industrial Engineering II -- Medical Text Mining and Natural Language Processing -- Knowledge Based Intelligent Systems for Health Care -- Intelligent Learning Environment -- Intelligent Data Analysis and Applications.

Sommario/riassunto

Dear delegates, friends and members of the growing KES professional community, welcome to the proceedings of the 9th International Conference on Knowledge-Based and Intelligent Information and Engineering Systems hosted by La Trobe University in Melbourne, Australia. The KES conference series has been established for almost a decade, and it continues each year to attract participants from all geographical areas of the world, including Europe, the Americas, Australasia and the Pacific Rim. The KES conferences cover a wide range of intelligent systems topics. The broad focus of the conference series is the theory and applications of intelligent systems. From a pure research field, intelligent systems have advanced to the point where their abilities have been incorporated into many business and engineering application areas. KES 2005 provided a valuable mechanism for delegates to obtain an extensive view of the latest research into a range of intelligent-systems algorithms, tools and techniques. The conference also gave delegates the chance to come into contact with those applying intelligent systems in diverse commercial areas. The combination of theory and practice represented a unique opportunity to gain an appreciation of the full spectrum of leading-edge intelligent-systems activity. The papers for KES 2005 were either submitted to invited sessions, chaired and organized by respected experts in their fields, or to a general session, managed by an extensive International Program Committee, or to the Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP) Workshop, managed by an International Workshop Technical Committee.
