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The first special issue of the IEEE Transactions on Systems, Man, and Cybernetics—Part A: Systems and Humans is published in this issue. The special issue contains 10 papers, all of which were presented at the IEEE Conference on Systems, Man, and Cybernetics, October 2-6, 2001, in Taipei, Taiwan. The special issue is edited by Prof. J. L. Cofer, University of South Florida, and Prof. S. S. Ge, National Central University, Taiwan. The special issue is devoted to the theme of "Human-Computer Interaction in the 21st Century." The papers in this special issue are: "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces," "A New Approach to the Design of Human-Computer Interfaces."

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