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# Preface

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We have organized a special issue on AI applications to electronic commerce and the following five papers are selected for this purpose. We can hardly claim that these five papers represent typical research in the field. However, we feel that these papers are good examples of quality research on this theme and they have pursued the following issues.

'Stockbot: a monitoring and acting software agent for stock markets' (Alfredo Milani and Stefano Marcugini) has developed a software agent that can automatically respond to the dynamic situation of the stock market based on the learned investor's behavior. 'Learning agent architecture for design and manufacturing knowledge on the web: an extension of enterprise resource planning capabilities' (Steven H. Kim) formulates an architecture that can deploy the learning agent for industrial planning. 'Computer-aided auditing of inter-organizational trade procedures' (R.W.H. Bons,

R.M. Lee, and R.W. Wagenaar) has designed a rule-based formal trade procedure which can audit the international trade. 'Dynamic web server construction on the intranet using a change management framework' (Soon-Young Huh and Kyoung-II Bae) has developed a prototype of a dynamic web server that can support synchronous collaboration on the intranet. 'Risk analysis for electronic commerce using case-based reasoning' (Changduk Jung, Ingoo Han, and Bomil Suh) has applied the case-based reasoning approach to develop a risk-analysis system for electronic commerce environment.

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Guest Editors  
**Jae Kyu Lee and Ingoo Han**  
**Graduate School of Management**  
**Korea Advanced Institute of Science**  
**and Technology**