The ongoing transition of Intelligent Systems Research and in particular the agent based research into the real world has resulted in the emergence of new phenomena distinct from the traditional logic-centered approach. This book focuses on those new trends in design and evolution of the agent technology such as humanization, architectures and learning of agents. Design of Intelligent Multi-Agent Systems presents the application of soft computing agents to complex real world problems in distributed environments, humanization of the agents and the optimization of their performance.