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Sommario/riassunto	<p>Intelligent agents are software entities which can carry out some actions on behalf of clients with some degree of autonomy. Through sensing the status of environment, agents perform some operations based on some possessed knowledge in order to change or influence the environment towards their goals. A Multi Agent System (MAS) is a group or society of agents, and agents interact with others in the group cooperatively and/or competitively in order to reach their individual or common goals. In general, agents possess five common properties which are autonomy, adaptivity, reactivity, proactivity and sociability. Research on agent techniques and MASs mainly focus on improving existing or invent innovative frameworks, models, mechanisms, approaches and algorithms to improve agents effectiveness and efficiency in those five aspects for advanced autonomous problem solving abilities in complex environments.</p>