# EugÃnio Da Costa Oliveira

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 177 papers | 1,703 citations | 567144 15 h-index | 580701 25 g-index |
| 196 all docs | 196 docs citations | 196 times ranked | 1195 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Clues for detecting irony in user-generated contents. , 2009, , . | | 151 |
| 2 | Multi-agent systems: which research for which applications. Robotics and Autonomous Systems, 1999, 27, 91-106. | 3.0 | 100 |
| 3 | TwitterEcho. , 2012, , . | | 51 |
| 4 | | | |

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|---|---|---|---|
| 19 | A Multi-Agent Recommender System. Advances in Intelligent and Soft Computing, 2012, , 281-288. | 0.2 | 18 |
| 20 | Computing Confidence Values: Does Trust Dynamics Matter?. Lecture Notes in Computer Science, 2009, , 520-531. | 1.0 | 18 |
| 21 | Contributions to an Electronic Institution Supporting Virtual Enterprises' Life Cycle. , 0, , 229-246. | | 18 |
| 22 | Formal Modelling of Emotions in BDI Agents. Lecture Notes in Computer Science, 2008, , 62-81. | 1.0 | 17 |
| 23 | A Language for Specifying Complete Timetabling Problems. Lecture Notes in Computer Science, 2001, , 322-341. | 1.0 | 16 |
| 24 | The rationale behind the development of an airline operations control centre using Gaia-based methodology. International Journal of Agent Oriented Software Engineering, 2008, 2, 350. | 0.1 | 16 |
| 25 | Biometric Emotion Assessment and Feedback in an Immersive Digital Environment. International Journal of Social Robotics, 2009, 1, 307-317. | 3.1 | 16 |
| 26 | A Context-Based Institutional Normative Environment. Lecture Notes in Computer Science, 2009, , 140-155. | 1.0 | 16 |
| 27 | Towards an Artificial Traffic Control System. , 2008, , . | | 15 |
| 28 | Social control in a normative framework: An adaptive deterrence approach. Web Intelligence and Agent Systems, 2011, 9, 363-375. | 0.4 | 15 |
| 29 | A Software Framework for Building Biomedical Machine Learning Classifiers through Grid Computing Resources. Journal of Medical Systems, 2012, 36, 2245-2257. | 2.2 | 15 |
| 30 | A New Approach for Disruption Management in Airline Operations Control. Studies in Computational Intelligence, 2014, , . | 0.7 | 14 |
| 31 | Cooperative Learning Using Advice Exchange. Lecture Notes in Computer Science, 2003, , 33-48. | 1.0 | 14 |
| 32 | Real-Time Psychophysiological Emotional State Estimation in Digital Gameplay Scenarios. Communications in Computer and Information Science, 2013, , 243-252. | 0.4 | 14 |
| 33 | Engaging theÂDynamics of Trust in Computational Trust and Reputation Systems. Lecture Notes in Computer Science, 2010, , 22-31. | 1.0 | 13 |
| 34 | Using and Evaluating Adaptive Agents for Electronic Commerce Negotiation. Lecture Notes in Computer Science, 2000, , 96-105. | 1.0 | 13 |
| 35 | Directed Deadline Obligations in Agent-Based Business Contracts. Lecture Notes in Computer Science, 2010, , 225-240. | 1.0 | 13 |
| 36 | Distributing Intelligence among Cloud, Fog and Edge in Industrial Cyber-physical Systems. , 2019, , . | | 13 |

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| 37 | A New Concept for Disruption Management in Airline Operations Control. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2011, 225, 269-290. | 0.7 | 12 |
| 38 | A Contract Model for Electronic Institutions. , 2007, , 27-40. | | 12 |
| 39 | Designing a meta-model for a generic robotic agent system using Gaia methodology. Information Sciences, 2012, 195, 190-210. | 4.0 | 11 |
| 40 | A Weighted Constraint Optimization Approach to the Nurse Scheduling Problem. , 2015, , . | | 11 |
| 41 | Ontology-Services to Facilitate Agentsâ€™ Interoperability. Lecture Notes in Computer Science, 2003, , 170-181. | 1.0 | 11 |
| 42 | A Bootstrapping Approach for Training a NER with Conditional Random Fields. Lecture Notes in Computer Science, 2011, , 664-678. | 1.0 | 11 |
| 43 | Modelling Agent Institutions. , 2013, , 277-307. | | 11 |
| 44 | A Socio-cognitive Perspective of Trust. Law, Governance and Technology Series, 2013, , 419-429. | 0.3 | 11 |
| 45 | Cooperative multi-agent system for an assembly robotics cell. Robotics and Computer-Integrated Manufacturing, 1994, 11, 311-317. | 6.1 | 10 |
| 46 | Combining ontologies and agents to help in solving the heterogeneity problem in e-commerce negotiations. , 2005, , . | | 10 |
| 47 | Adaptive Deterrence Sanctions in a Normative Framework. , 2009, , . | | 10 |
| 48 | Dynamic Composition of Service Oriented Multi-agent System in Self-organized Environments. , 2014, , . | | 10 |
| 49 | Development of a flexible language for mission description for multi-robot missions. Information Sciences, 2014, 288, 27-44. | 4.0 | 10 |
| 50 | TexRep: A Text Mining Framework for Online Reputation Monitoring. New Generation Computing, 2017, 35, 365-389. | 2.5 | 10 |
| 51 | Emotional Valence-Based Mechanisms and Agent Personality. Lecture Notes in Computer Science, 2002, , 152-162. | 1.0 | 10 |
| 52 | TimeMachine: Entity-Centric Search and Visualization of News Archives. Lecture Notes in Computer Science, 2016, , 845-848. | 1.0 | 10 |
| 53 | An Approach to Web-Scale Named-Entity Disambiguation. Lecture Notes in Computer Science, 2009, , 689-703. | 1.0 | 10 |
| 54 | Trustworthiness Tendency Incremental Extraction Using Information Gain. , 2010, , . | | 9 |

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|---|---|---|---|
| 55 | Being Happy, Healthy and Whole Watching Movies That Affect Our Emotions. Lecture Notes in Computer Science, 2011, , 35-45. | 1.0 | 9 |
| 56 | Automatic generation of disassembly sequences and exploded views from solidworks symbolic geometric relationships. , 2018, , . | | 9 |
| 57 | Developing expert systems builders in logic programming. New Generation Computing, 1984, 2, 187-194. | 2.5 | 8 |
| 58 | Determining language variant in microblog messages. , 2013, , . | | 8 |
| 59 | Computational Models of Players' Physiological-Based Emotional Reactions: A Digital Games Case Study. , 2014, , . | | 8 |
| 60 | TugaTAC Broker: A Fuzzy Logic Adaptive Reasoning Agent for Energy Trading. Lecture Notes in Computer Science, 2016, , 188-202. | 1.0 | 8 |
| 61 | FEUP at SemEval-2017 Task 5: Predicting Sentiment Polarity and Intensity with Financial Word Embeddings. , 2017, , . | | 8 |
| 62 | A multi-agent environment in robotics. Robotica, 1991, 9, 431-440. | 1.3 | 7 |
| 63 | Forward collision warning systems using heads-up displays: Testing usability of two new metaphors. , 2013, , . | | 7 |
| 64 | Agent-Based Distributed Data Analysis in Industrial Cyber-Physical Systems. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 5-12. | 3.0 | 7 |
| 65 | Industrial Cyber Physical Systems Supported by Distributed Advanced Data Analytics. Studies in Computational Intelligence, 2017, , 47-59. | 0.7 | 7 |
| 66 | Trust Estimation Using Contextual Fitness. Lecture Notes in Computer Science, 2010, , 42-51. | 1.0 | 7 |
| 67 | Making Electronic Contracting Operational and Trustworthy. Lecture Notes in Computer Science, 2010, , 264-273. | 1.0 | 7 |
| 68 | Ontology-Services Agent to Help in the Structural and Semantic Heterogeneity. , 2004, , 175-182. | | 6 |
| 69 | A New Approach to Emotion Assessment Based on Biometric Data. , 2008, , . | | 6 |
| 70 | Using TraSMAPI for the assessment of multi-agent traffic management solutions. Progress in Artificial Intelligence, 2012, 1, 157-164. | 1.5 | 6 |
| 71 | On the integration of trust with negotiation, argumentation and semantics. Knowledge Engineering Review, 2014, 29, 31-50. | 2.1 | 6 |
| 72 | An exploratory study of taxi sharing schemas. , 2016, , . | | 6 |

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| 73 | Towards an Institutional Environment Using Norms for Contract Performance. Lecture Notes in Computer Science, 2005, , 256-265. | 1.0 | 6 |
| 74 | Agentsâ€² Advanced Features for Negotiation and Coordination. Lecture Notes in Computer Science, 2001, , 173-186. | 1.0 | 6 |
| 75 | What We Can Learn from Looking at Profanity. Lecture Notes in Computer Science, 2014, , 108-113. | 1.0 | 6 |
| 76 | A Dynamic Agentsâ€™ Behavior Model for Computational Trust. Lecture Notes in Computer Science, 2011, , 536-550. | 1.0 | 6 |
| 77 | Norms and Trust. Law, Governance and Technology Series, 2013, , 221-231. | 0.3 | 6 |
| 78 | Trust and Normative Control in Multi-agent Systems: An Empirical Study. Advances in Intelligent and Soft Computing, 2012, , 207-214. | 0.2 | 6 |
| 79 | Advice-exchange in heterogeneous groups of learning agents. , 2003, , . | | 5 |
| 80 | Development of a smart electric motor testbed for Internet of Things and big data technologies. , 2017, , . | | 5 |
| 81 | Realtime Dynamic Multimedia Storyline Based on Online Audience Biometric Information. Studies in Computational Intelligence, 2008, , 545-554. | 0.7 | 5 |
| 82 | Identifying Automatic Posting Systems in Microblogs. Lecture Notes in Computer Science, 2011, , 634-648. | 1.0 | 5 |
| 83 | Self-interested Service-Oriented Agents Based on Trust and QoS for Dynamic Reconfiguration. Studies in Computational Intelligence, 2015, , 209-218. | 0.7 | 5 |
| 84 | Consistency and context management in a multi-agent belief revision testbed. Lecture Notes in Computer Science, 1996, , 361-375. | 1.0 | 4 |
| 85 | Environmental decision support. , 1997, , . | | 4 |
| 86 | Using Specialized Agents in a Distributed MAS to Solve Airline Operations Problems: A Case Study. , 2007, , . | | 4 |
| 87 | Communication during learning in heterogeneous teams of learning agents. Intelligent Decision Technologies, 2008, 2, 153-166. | 0.6 | 4 |
| 88 | Modeling the Trustworthiness of a Supplier Agent in a B2B Relationship. International Federation for Information Processing, 2012, , 675-686. | 0.4 | 4 |
| 89 | Demand-Side Management in Power Grids: An Ant Colony Optimization Approach. , 2015, , . | | 4 |
| 90 | An annotation tool for automatically triangulating individualsâ€™ psychophysiological emotional reactions to digital media stimuli. Entertainment Computing, 2015, 9-10, 19-27. | 1.8 | 4 |

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| 91 | A Facility Layout Planner tool based on Genetic Algorithms. , 2016, , . | | 4 |
| 92 | A comparative study of meta-heuristics for the aircraft landing scheduling problem. , 2016, , . | | 4 |
| 93 | Enriching a MAS Environment with Institutional Services. Lecture Notes in Computer Science, 2006, , 105-120. | 1.0 | 4 |
| 94 | A Multi-agent System for E-insurance Brokering. Lecture Notes in Computer Science, 2003, , 263-282. | 1.0 | 4 |
| 95 | Introducing ROC Curves as Error Measure Functions: A New Approach to Train ANN-Based Biomedical Data Classifiers. Lecture Notes in Computer Science, 2010, , 517-524. | 1.0 | 4 |
| 96 | A Situation-Aware Computational Trust Model for Selecting Partners. Lecture Notes in Computer Science, 2011, , 84-105. | 1.0 | 4 |
| 97 | Comparing Sentence-Level Features for Authorship Analysis in Portuguese. Lecture Notes in Computer Science, 2010, , 51-54. | 1.0 | 4 |
| 98 | ResMAS - A Conceptual MAS Model for Resource-Based Integrated Markets. Communications in Computer and Information Science, 2017, , 117-129. | 0.4 | 4 |
| 99 | AN APPROACH TO INTER-ORGANIZATIONAL WORKFLOW MANAGEMENT IN AN ELECTRONIC INSTITUTION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 429-434. | 0.4 | 3 |
| 100 | Ambient-centred intelligent traffic control and management. , 2010, , . | | 3 |
| 101 | Software agents: Can we trust them?. , 2012, , . | | 3 |
| 102 | Towards an autonomous and intelligent Airline Operations Control. , 2012, , . | | 3 |
| 103 | An approach to computational social trust. AI Communications, 2014, 27, 113-131. | 0.8 | 3 |
| 104 | Designing players' emotional reaction models: A generic method towards adaptive affective gaming. , 2014, , . | | 3 |
| 105 | Three dimensional modelling of Porto's network for electric mobility simulation. , 2016, , . | | 3 |
| 106 | General-Purpose Emotion Assessment Testbed Based on Biometric Information. Studies in Computational Intelligence, 2008, , 533-543. | 0.7 | 3 |
| 107 | Comparing Verb Synonym Resources for Portuguese. Lecture Notes in Computer Science, 2010, , 100-109. | 1.0 | 3 |
| 108 | An Approach for Virtual Organisationsâ€™ Dissolution. Lecture Notes in Computer Science, 2010, , 70-85. | 1.0 | 3 |

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| 109 | Trust-Based Selection of Partners. Lecture Notes in Business Information Processing, 2011, , 221-232. | 0.8 | 3 |
| 110 | MAESTROS: Multi-Agent Simulation of Rework in Open Source Software. Studies in Computational Intelligence, 2016, , 61-73. | 0.7 | 3 |
| 111 | Agent-Based Approach for Decentralized Data Analysis in Industrial Cyber-Physical Systems. Lecture Notes in Computer Science, 2019, , 130-144. | 1.0 | 3 |
| 112 | Discovery of Functional Relationships in Multi-Relational Data using Inductive Logic Programming. , 0, , . | | 2 |
| 113 | Using Similarity Measures for an Efficient Business Information-Exchange. , 0, , . | | 2 |
| 114 | Conceptualization and implementation of a microscopic pedestrian simulation platform. , 2009, , . | | 2 |
| 115 | Emotional access and interaction with videos. , 2009, , . | | 2 |
| 116 | Inferring local synonyms for improving keyword suggestion in an on-line advertisement system. , 2009, , . | | 2 |
| 117 | A generic model for a robotic agent system using GAIA methodology: Two distinct implementations. , 2010, , . | | 2 |
| 118 | Studying the Impact of the Organizational Structure on Airline Operations Control. , 2015, , 103-124. | | 2 |
| 119 | Crowd Simulation Applied to Emergency and Evacuation Scenarios. , 2015, , 149-161. | | 2 |
| 120 | Distributed flight simulation environment using flight simulator X. , 2015, , . | | 2 |
| 121 | Triggering strategies for automatic and online service reconfiguration. , 2016, , . | | 2 |
| 122 | Applying Deep Neural Networks to Named Entity Recognition in Portuguese Texts. , 2018, , . | | 2 |
| 123 | Argumentation as Distributed Belief Revision: Conflict Resolution in Decentralised Co-operative Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 205-218. | 1.0 | 2 |
| 124 | Towards an Ontology Mapping Process for Business Process Composition. , 2008, , 169-176. | | 2 |
| 125 | ANTE: A Framework Integrating Negotiation, Norms and Trust. Law, Governance and Technology Series, 2016, , 27-45. | 0.3 | 2 |
| 126 | Extracting Trustworthiness Tendencies Using the Frequency Increase Metric. Lecture Notes in Business Information Processing, 2011, , 208-221. | 0.8 | 2 |

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| 127 | Beneficial AI: the next battlefield. Journal of Innovation Management, 2018, 5, 6-17. | 0.9 | 2 |
| 128 | BioTextRetriever. International Journal of Knowledge Discovery in Bioinformatics, 2011, 2, 21-36. | 0.8 | 2 |
| 129 | USING QUALITY COSTS IN A MULTI-AGENT SYSTEM FOR AN AIRLINE OPERATIONS CONTROL. , 2009, , . | | 2 |
| 130 | Improving Numerical Reasoning Capabilities of Inductive Logic Programming Systems. Lecture Notes in Computer Science, 2004, , 195-204. | 1.0 | 2 |
| 131 | Simulating Communication in a Service-Oriented Architecture for V2V Networks. Lecture Notes in Computer Science, 2009, , 15-26. | 1.0 | 2 |
| 132 | Efficient Clustering of Web-Derived Data Sets. Lecture Notes in Computer Science, 2009, , 398-412. | 1.0 | 2 |
| 133 | Towards a Cooperative Traffic Network Editor. Lecture Notes in Computer Science, 2009, , 236-239. | 1.0 | 2 |
| 134 | DYNAMIC MULTIMEDIA ENVIRONMENT BASED ON REALTIME USER EMOTION ASSESSMENT - Biometric User Data towards Affective Immersive Environments. , 2009, , . | | 2 |
| 135 | Trust Evaluation for Reliable Electronic Transactions between Business Partners. Lecture Notes in Business Information Processing, 2012, , 219-237. | 0.8 | 2 |
| 136 | An Agent-Based Approach for the Dynamic and Decentralized Service Reconfiguration in Collaborative Production Scenarios. Lecture Notes in Computer Science, 2017, , 140-154. | 1.0 | 2 |
| 137 | Regulating Blockchain Smart Contracts with Agent-Based Markets. Lecture Notes in Computer Science, 2019, , 399-411. | 1.0 | 2 |
| 138 | A cooperative multi-agent system for an assembly robotic cell. Advanced Robotics, 1995, 10, 15-50. | 1.1 | 1 |
| 139 | Propagating Fine-Grained Topic Labels in News Snippets. , 2009, , . | | 1 |
| 140 | From Sequences to Papers: An Information Retrieval Exercise. , 2011, , . | | 1 |
| 141 | Forward collision warning systems using heads-up displays: Testing usability of two new metaphors. , 2013, , . | | 1 |
| 142 | Trustworthy agents for B2B operations under Normative environment. , 2014, , . | | 1 |
| 143 | Adaptive Multi-agent System for Smart Grid Regulation with Norms and Incentives. IFIP Advances in Information and Communication Technology, 2016, , 315-322. | 0.5 | 1 |
| 144 | Development of flexible languages for scenario and team description in multirobot missions. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2017, 31, 69-86. | 0.7 | 1 |

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| 145 | Learning Word Embeddings from the Portuguese Twitter Stream: A Study of Some Practical Aspects. Lecture Notes in Computer Science, 2017, , 880-891. | 1.0 | 1 |
| 146 | The Quest for Beneficial AI. , 2019, , . | | 1 |
| 147 | Using Virtual Reality Environments to Predict Pedestrian Behaviour. , 2019, , . | | 1 |
| 148 | Assessing the Impact of Thesaurus-Based Expansion Techniques in QA-Centric IR. Lecture Notes in Computer Science, 2009, , 325-332. | 1.0 | 1 |
| 149 | Solving Conflicting Beliefs with a Distributed Belief Revision Approach. Lecture Notes in Computer Science, 2000, , 146-155. | 1.0 | 1 |
| 150 | 2Âª ConferÃªncia em Metodologias de InvestigaÃ§Ã£o CientÃfica (CoMIC'07) : Actas. , 0, , . | | 1 |
| 151 | Agent-Based Aircraft Control Strategies in a Simulated Environment. Lecture Notes in Computer Science, 2009, , 190-205. | 1.0 | 1 |
| 152 | Enhancing Interoperability: Ontology-Mapping in an Electronic Institution. Lecture Notes in Business Information Processing, 2009, , 47-62. | 0.8 | 1 |
| 153 | Risk Tolerance and Social Awareness: Adapting Deterrence Sanctions to Agent Populations. Lecture Notes in Computer Science, 2009, , 560-571. | 1.0 | 1 |
| 154 | Normative Monitoring of Agents to Build Trust in an Environment for B2B. Lecture Notes in Computer Science, 2014, , 172-181. | 1.0 | 1 |
| 155 | Detecting the opportunities of learning from the interactions in a society of organizations. Lecture Notes in Computer Science, 1995, , 242-252. | 1.0 | 1 |
| 156 | An Intelligent Distributed System for Environmental Management. Euro Courses Computer and Information Science, 1995, , 355-370. | 0.3 | 1 |
| 157 | Adaptive Services Reconfiguration in Manufacturing Environments Using a Multi-agent System Approach. Lecture Notes in Computer Science, 2015, , 280-284. | 1.0 | 1 |
| 158 | Adding the Third Dimension to Urban Networks for Electric Mobility Simulation: An Example for the City of Porto. Studies in Computational Intelligence, 2018, , 199-214. | 0.7 | 1 |
| 159 | Multi-agent Based Uncoordinated Channel Hopping in the IEEE 802.15.4e. Advances in Intelligent Systems and Computing, 2018, , 287-296. | 0.5 | 1 |
| 160 | Optimizing Meta-heuristics for the Time-Dependent TSP Applied to Air Travels. Lecture Notes in Computer Science, 2018, , 730-739. | 1.0 | 1 |
| 161 | FEUP at SemEval-2018 Task 5: An Experimental Study of a Question Answering System. , 2018, , . | | 1 |
| 162 | Agent Process Modelling. Lecture Notes in Computer Science, 2019, , 277-280. | 1.0 | 1 |

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| 163 | Towards Intelligent Robotic Assemblies. , 1992, , 361-370. | | 0 |
| 164 | Meeting Task Deadlines in a Community of Cooperative Intelligent Systems. , 1993, , . | | 0 |
| 165 | Improving brokering adaptation in dynamic heterogeneous environments. International Journal of Product Lifecycle Management, 2007, 2, 113. | 0.1 | 0 |
| 166 | Ranking MEDLINE documents. Journal of the Brazilian Computer Society, 2014, 20, . | 0.8 | 0 |
| 167 | Learning in Heterogeneous Environments. , 2014, , . | | 0 |
| 168 | Computational Models for Social and Technical Interactions. New Generation Computing, 2017, 35, 307-310. | 2.5 | 0 |
| 169 | Identifying Classes of Users to Facilitate Negotiation. , 2004, , 527-534. | | 0 |
| 170 | 1Âª ConferÃªncia em Metodologias de InvestigaÃ§Ã£o CientÃfica (CoMIC'06) : Actas. , 0, , . | | 0 |
| 171 | Solving Airline Operations Problems Using Specialized Agents in a Distributed Multi-Agent System. Lecture Notes in Business Information Processing, 2008, , 173-184. | 0.8 | 0 |
| 172 | MONITORING COOPERATIVE BUSINESS CONTRACTS IN AN INSTITUTIONAL ENVIRONMENT. , 2009, , . | | 0 |
| 173 | Self-organization Combining Incentives and Risk Management for a Dynamic Service-Oriented Multi-agent System. IFIP Advances in Information and Communication Technology, 2014, , 101-108. | 0.5 | 0 |
| 174 | Intelligent Task Planning and Execution on Assembly Robotics. , 1991, , 99-106. | | 0 |
| 175 | Intelligent Distributed Environmental Decision Support System. Lecture Notes in Computer Science, 1996, , 171-180. | 1.0 | 0 |
| 176 | Brokering in Electronic Insurance Markets. , 2003, , 574-583. | | 0 |
| 177 | Ontology Development in Home Automation Used in Automatic VE Formation. , 2008, , 161-168. | | 0 |