



ICGST - ARAS 2005 BibTeX  
© ICGST 2005  
[www.icgst.com](http://www.icgst.com)

```
@INPROCEEDINGS{P1130533103,  
AUTHOR = {T. Sievers and S. Garnica and S. Tautz and T. Trüper and S.  
Fatikow},  
TITLE = {Microrobot station for automatic cell handling},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {7--12},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}
```

```
@INPROCEEDINGS{P1130533121,  
AUTHOR = {Sherin M. Youssef},  
TITLE = {Neuro-based Learning of Mobile Robots with Evolutionary Path Planning},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {64--70},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}
```

```
@INPROCEEDINGS{P1130533111,  
AUTHOR = {S.Parasuraman and V.Ganapathy and Bijan Shirinzadeh},  
TITLE = {Behavior based Mobile Robot Navigation by AI Techniques: Behavior  
selection and resolving behavior conflicts using a - level Fuzzy Inference  
System},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {57--63},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},
```

ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533120,  
AUTHOR = {S.Parasuraman and V.Ganapathy and Bijan Shirinzadeh1},  
TITLE = {Behavior based Mobile Robot Navigation Technique using AI System:  
Experimental Investigations},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {31--37},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533114,  
AUTHOR = {Ashraf Elnagar and Amna AlDahak},  
TITLE = {RRT-Based Multiple Evaders Detection Algorithm},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {44--50},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533116,  
AUTHOR = {Leena Lulu and Ashraf Elnagar},  
TITLE = {IVIS-PRM: An Improved Visibility-Based Probabilistic Roadmap for Fast  
Path Planning},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {51--56},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533113,

AUTHOR = {Yasser Ebrahim and Wegdan Abdelsalam and Maher Ahmed and Siu-Cheung Chau},  
TITLE = {A 3D Shape Representation and Matching Approach for Robotic Vision},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation, Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {1--6},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533109,  
AUTHOR = {R. Kennelly and F. Morgan and M. Glavin},  
TITLE = {Managing Resources for Better Behaved Robots},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation, Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {25--30},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533108,  
AUTHOR = {P. Foggia and A. Limongiello and M. Vento},  
TITLE = {A moving object and obstacle detection system in real-time AVG and AMR applications},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation, Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {19--24},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533112,  
AUTHOR = {Payman Haqiqat},  
TITLE = {Using Image Moments for Tracking Rotating Objects},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation, Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {38--43},

ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}

@INPROCEEDINGS{P1130533107,  
AUTHOR = {Ali Tehrani and Bram Gruneir and Ben Miners and Alaa Khamis and  
Howard Li and Mohammed El-Abd and Insop Song and Mohamed Kamel and Otman Basir  
and Fakhreddine Karray},  
TITLE = {An Agent-Based Architecture for a Multi-Robot System},  
BOOKTITLE = {Proc. of the first ICGST International Conference on Automation,  
Robotics and Autonomous Systems ARAS 05},  
PUBLISHER = {ICGST},  
ORGANIZATION = {ICGST},  
PAGES = {13--18},  
ADDRESS = {Cairo, Egypt},  
VOLUME = {05},  
ISBN={21969/2005},  
YEAR = {2005},  
MONTH= {Dec.},  
EDITOR = {Ashraf Aboshosha et al.}  
}