



Publications (March 2009)

| No. | Authors | Title | Publication | Year |
|-------------|--|--|---|------|
| 2006 | | | | |
| 1 | Fontaine JG | Editor | NATO proceedings ISBN 985-6496-61-8 | 2006 |
| 2 | Fontaine JG | Editor in chief | IJHR Inter Journ of Humanoid Robotics. World Scientific Publisher. ISSN: 0219-8436. 4 issues / year since 2004 | 2006 |
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| 3 | Fontaine JG | Editor | Proc CLAWAR. ISBN-13 978-981-270-815-1 & ISBN-10 981-270-815-4 World Scientific Publishing Co | 2007 |
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| 4 | Brayda L, Taverna L, Rossi L, Chellali R. | Collaborative Virtual Environments for Sharing Product lifecycle | VIRMAN08, INTUITION (in press) | 2008 |
| 5 | Chellali R, Mollet N, Dumas C, Subileau G. | SyTroN: Virtual Desk for Collaborative, Tele-operated and Tele-learning System with Real Devices | Computer Scie, Techn for E-Learning and Digital Entertain,Pp: 153-161 | 2008 |
| 6 | Dionnet F, Marchand E. | Stereo tracking and servoing for space applications | Advanced Robotics | 2008 |
| 7 | Gerbaud S, Mollet N, Garnier F, Arnaldi B, Tisseau J | GVT: a platform to create virtual environments for procedural training | IEEE VR 2008 - P225-232 – Reno, USA | 2008 |
| 8 | Mollet N, Brayda LG, Baizid K, Ryad C | Standardization and integration in robotics: case of Virtual Reality tools | Cyberworlds | 2008 |
| 9 | Mollet N, Chellali R. | Virtual and Augmented Reality with head-tracking for efficient teleoperation of groups of robots | Cyberworlds | 2008 |
| 10 | Nacéri A, Mansouri N, Charef A. | Based Feedback Control of Fractional Order System | ISIE 2008,Cambridge, UK. | 2008 |
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| 12 | Rodriguez-Leal, Dai J S, Pennock G R | A Centralized 5-RSP Parallel Mechanism, 32st ASME Mechanisms and Robotics Conference | Proc. ASME 2008 Int Design Eng Technical Conferences & Computers and Information in Eng. Conf. DETC2008-49890, USA. | 2008 |
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| 14 | Rodriguez-Leal, Dai J S, Pennock G R | Kinematic Analysis of a New Family of Centralized Parallel Mechanisms | Proc II-nd Int Workshop on Fundamental Issues and Future Research Directions for Parallel Mechanisms and Manipulators, Montpellier, pp. 57-66, France | 2008 |
| 15 | Saglia J A, Tsagarakis N, Dai J. S, Caldwell D. G. | A High Performance Redundantly Actuated Parallel Mechanism for Ankle Rehabilitation | Int Journal of Robotic Research, Special Issue on Medical Robots (in press) | 2008 |
| 16 | Saglia J, Dai J S, Caldwell D G | Geometry and Kinematic Analysis of a Redundantly Actuated Parallel Mechanism that Eliminates Singularity and Improves Dexterity | Transactions of the ASME: Journal of Mechanical Design, vol. 130, no. 12, page 124501_1-5 | 2008 |
| 17 | Saglia J, Dai JS, Caldwell D.G. | Geometry and Kinematic Analysis of a Redundantly Actuated Parallel Mechanism that Eliminates Singularity and Improves Dexterity | Journal of Mechanical Design, vol. 130, no. 12, page 124501_1-5, 2008. | 2008 |
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| 22 | Zhang L, D Wang, Dai J S | Biological Modeling and Evolution Based Synthesis of Metamorphic Mechanisms | Transactions of the ASME: Journal of Mechanical Design, vol. 130, no. 7, page 072303_1-11 | 2008 |
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| 25 | V. FREMONT, R. CHELLALI and J.G FONTAINE | Generalization of Desargues Theorem for Sparse 3-D Reconstruction | 'International Journal of Humanoid Robotics', in press | 2009 |
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| 31 | N. Mollet, L. Brayda, R. Chellali and J.G. Fontaine | Virtual Environments and Scenario Languages for Advanced Teleoperation of Groups of Real Robots: Real Case Application | IARA / ACHI 2009, Cancun, Feb. 2009 | 2009 |
| 32 | R. CHELLALI, C. DUMAS, N. MOLLET and G. SUBILEAU | SyTroN: a virtual classroom for collaborative and distant E-learning system by tele-operating real devices | (in press), International Journal of Computer Games Technology | 2009 |
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| 36 | M. MAKHANIOK, G. VAL-CHEVSKAJA, E. NIKITIN, A. VAL-CHEWSKY, J.-G. FONTAINE | Consideration of High Technologies Park Network Security | NATO Science for Peace and Security Vol. 20 IOS Press 2009 ISSN 1874-6268 | 2009 |