

CONFÉRENCES INTERNATIONALES DE LA THÉMATIQUE CONCEPTION BIOMIMÉTIQUE ET COMMANDE 2005 - 2012

Conférences internationales avec comité de lecture et actes 2009 - 2012

2012

M. Souissi, V. Hugel, P. Blazevic, "Design optimization of parallel joint mechanism for humanoid spine", Proc. of the 16th IEEE Mediterranenan Electrotechnical Conference (MELECON), 2012, pp. 997-1000.

M. Souissi, V. Hugel, P. Blazevic, "Modeling and simulation of humanoid robot spine vertebra", Proc of the 9th International Conference on Informatics in Control, Automation and Robotics, Vol. 2, 2012, pp. 415-418.

V. Hugel and N. Jouandeau, "Walking Patterns for Real Time Path Planning Simulation of Humanoids", Proc. of the 21st IEEE International Symposium on Robot and Human Interactive Communication (2012 IEEE RO-MAN), 2012, pp. 424-430.

C. Cibert and V. Hugel, "Bio-Inspired Compliant Spine for Humanoid Robot: A Degrees of Freedom Challenge", Proc. of the 21st IEEE International Symposium on Robot and Human Interactive Communication (2012 IEEE RO-MAN), 2012, pp. 1-5.

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V. Khomenko, O. Bruneau, F.B. Ouezdou, P. Hénaff, A. Melnyk, V. Borysenko “Non-Invasive Low Cost Method for Linear and Angular Accelerations Measurement in Biped Locomotion Mechanisms ”,IEEE Proc. of SENSORS 2011, pp. 1756-1759, Limerick, October 28-31, Ireland, 2011

J.-C. Palyart Lamarche, O. Bruneau and J.-G. Fontaine,“Time-Independent, Spatial Human Coordination For Humanoids”, IEEE Proc. of Intelligent Robots and Systems, 2011, IROS 2011, pp. 3951-3956, IEEE/RSJ International Conference, San Fransisco, California,
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J.-C. Palyart Lamarche, O. Bruneau and J.-G. Fontaine, “ The Current Humanoids with Seven Degrees of Freedom per Leg are not Sufficient to Accurately Reproduce Human Walking Kinematics ”, International Conf. on Climbing and Walking Robots, CLAWAR 2010, pp. 467-474, Nagoya, Japan, 31 August- 3 September, 2010.

N. Gachadoit, A. El Hadri, A. Benallegue, A. Seba and B. Vidalie “Advanced Modeling with a Symbolic Based Approach Application to the Modeling, Control Design and Real-Time Control and HIL Simulation of a Quadrotor Helicopter” in European Congress in Embedded Real Time Software and Systems (ERTS’2010), May 19-21, Toulouse, France.

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David Gouaillier , Vincent Hugel, Pierre Blazevic, Chris Kilner, Jérôme Monceaux, Pascal Lafourcade, Brice Marnier, Julien Serre, Bruno Maisonnier.
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O. Bruneau, F. Gravez, F.B. Ouezdou, “Planning approach and local reactivity for 3D, Operational space control of 3D bipedal robots with flexible feet”, IEEE Proc. of Intelligent Robots and Systems, 2009, IROS 2009, pp. 3037-3042, IEEE/RSJ International Conference, Saint-Louis, USA, October 11-15, 2009.

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