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# CONFÉRENCES INTERNATIONALES DE LA THÉMATIQUE BIOMIMÉTIQUE ET COMMANDE 1996 - 2001

## Conférences internationales avec comité de lecture et actes 1996 - 2001

**2001**

O. Bruneau, F.B. Ouezdou, J.-G. Fontaine, " Dynamic Walk of a Bipedal Robot Having Flexible Feet ", pp 512-517, IEEE International Conf. on Intelligent Robots and Systems, IROS 2001, Nov. 29- Oct. 11, 2001, Maui, USA.

O. Bruneau, F.B. Ouezdou, J.-G. Fontaine, " An Approach for the Design of Walking Humanoid Robots Having Different Leg Mechanisms and Using

Dynamic Gaits ”, International Symp. on Advances in Robot Dynamics and Control, ASME 2001.

**2000**

J.-P. Louboutin, O. Bruneau, J.-G. Fontaine, “ Optimal Design of a leg-wheel hybrid robot actuated by a quasi-resonant system ”, Intern. Conf. on Climbing and Walking Robots, CLAWAR 2000.

F. Gravez, O. Bruneau, F.B. Ouezdou, “ Three-Dimensional Simulation of Walk of Anthropomorphic Biped ”, 13th CISM-IFToMM Symposium on Theory and Practice of Robots and Manipulators, Zakopane, Poland, July 3-6, 2000. Wien: Springer. CISM Courses Lect. 422, 379-387, chapter 4 “Legged locomotion”, ROMANSY 2000.

**1999**

O. Bruneau, S. Haliyo, F.B. Ouezdou, “ Leg Design Optimization for a Walking Biped Robot based on the rsg Concept ”, 10th World Congr. on the Theory of Machines and Mechanisms, IFToMM 1999.

**1998**

O. Bruneau, F.B. Ouezdou, "Dynamic Walk Simulation of Various Bipeds via Ankle Trajectory", IEEE International Conf. on Intelligent Robots and Systems, IROS 1998.

O. Bruneau, F.B. Ouezdou, J.-C. Guinot “ DSTBip : Dynamic Simulation Tool for Biped Robots ”, 12th CISM-IFToMM Symp. on Theory and Practice of Robots and Manipulators, ROMANSY 1998.

O. Bruneau, F.B. Ouezdou, P.B. Wieber “ Dynamic transition simulation of a walking anthropomorphic robot ”, IEEE International Conference on Robotics and Automation, ICRA 1998.

**1997**

O. Bruneau, F.B. Ouezdou, “ Compliant contact of walking robot feet ”, ECPD International Conference on Advanced Robotics, Intelligent Automation and

Active Systems, September 26-28, 1997, Bremen, Germany, ECPD 1997.

**1996**

O. Bruneau, F.B. Ouezdou, “ Energetic analysis of three classical structures of walking robots leg ”, CISM-IFToMM Symposium on Theory and Practice of Robots and Manipulators, July 1-4, 1996, Udine, Italy, ROMANSY 1996.