

LIS

Laboratoire d'ingénierie des systèmes de Vers

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-IFTToMM 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, IFTToMM 1999.

1998

O. Bruneau, F.B. Ouezdou, "Dynamic Walk Simulation of Various Bipedes 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-IFTToMM 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-IFTToMM Symposium on Theory and Practice of Robots and Manipulators, July 1-4, 1996, Udine, Italy, ROMANSY 1996.