


# CHAPITRES DE LIVRES INTERNATIONAUX DE LA THÉMATIQUE CONCEPTION BIOMIMÉTIQUE ET COMMANDE 2005 - 2012

## Chapitres de livres internationaux 2005 - 2012

### 2012

Anick Abourachid et Vincent Hugel,"L'idee de fonction en biologie et en robotique, témoignage autour du projet RoboCoq".
Les Fonctions: des organismes aux artefacts. Sous la direction de Jean Gayon, Armand de Ricqlès.Presses Universitaires de France. ISBN 978-2-13-057441-5, 2012, pp 371-380.

### 2008

C. Sabourin, K. Madani, O. Bruneau, “Autonomous Gait Pattern for a Dynamic Biped Walking”,Part 2, Robotics and Automation, pp 123-140, Informatics in Control Automation and Robotics, Lecture Notes in Electrical Engineering, Springer, Berlin Heidelberg 2008, ISBN : 978-3-540-79141-6.

## 2007

O. Bruneau, A. David, “Analytical criterions for the generation of highly dynamic gaits for humanoid robots: dynamic propulsion criterion and dynamic propulsion potential”, chapter , Humanoid Robots book, pp121-136, New Developments, Advanced Robotic Systems, International, 2007. Book edited by Armando Carlos de Pina Filho, ISBN 978-3-902613-00-4.

C. Sabourin, K. Madani, O. Bruneau, “ Towards adaptive control strategy for biped robots”, chapter 11, Humanoid Robots book, pp 197-216, Human-like Machines, Advanced Robotic Systems International 2007. Book edited by Matthias Hackel, ISBN 978-3-902613-07-3.

E. Yoshida, V. Hugel, P. Blazevic, K. Yokoi and K. Harada. Dexterous Humanoid Whole-body Manipulation by Pivoting. Humanoid Robots Human-like Machines, ISBN 978-3-902613-07-3, éditeur : Matthias Hackel, Publisher: I-Tech Education and Publishing. June 2007. Pages 459-474.