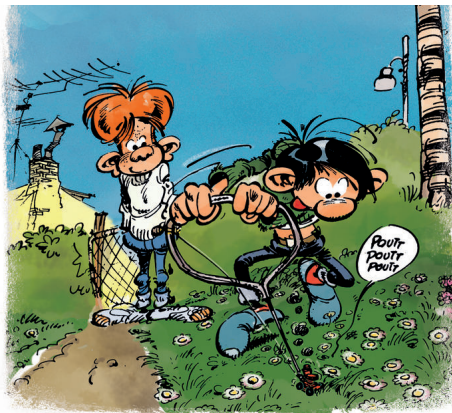


Conception et Evaluation d'une Tondeuse à Gazon Miniature

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1 Introduction

1.1 Preliminary

1.2 Bibliography

[Bou06, GB06, Bou07a, Bou07b, BWG08, BGW08, BGW09b, Bou09a, BWG09b, BGW09a, BWG09a, Bou09b, BWG10, GBHW10, BWGM11, BGW12]

1.3 Acknowledgments

2 Yet Another Chapter #1

2.1 Yet Another Section #1

3 Yet Another Chapter #2

3.1 Yet Another Section #2

4 Appendix - Technical Requirements

5 Bibliography

- [BGW08] A. Bouënard, S. Gibet, and M. M. Wanderley. Enhancing the Visualization of Percussion Gestures by Virtual Character Animation. In *Proc. of the International Conference on New Interfaces for Musical Expression (NIME)*, pages 38–43, 2008.
- [BGW09a] A. Bouënard, S. Gibet, and M. M. Wanderley, 2009. Real-time Simulation and Interaction of Percussion Gestures with Sound Synthesis, *HAL Open Archives, Technical Report*.
- [BGW09b] A. Bouënard, S. Gibet, and M. M. Wanderley. Hybrid Motion Control combining Inverse Kinematics and Inverse Dynamics Controllers for Simulating Percussion Gestures. In *Proc. of the International Conference on Computer Animation and Social Agents (CASA)*, pages 17–20, 2009.
- [BGW12] A. Bouënard, S. Gibet, and M. M. Wanderley. Hybrid Inverse Motion Control for Virtual Characters Interacting with Sound Synthesis - Application to Percussion Motion. *Visual Computer Journal*, 28(4):357–370, 2012.
- [Bou06] A. Bouënard. Réalisation d’un Système Expérimental pour la Simulation de Gestes de Percussion. Master’s thesis, University of Rennes I, France, 2006.
- [Bou07a] A. Bouënard, 2007. Analysis of Percussion Gestures. In *COST287-CONGAS MC Meeting Final Event*.
- [Bou07b] A. Bouënard, 2007. Motion Capture for Computer Animation. In *SMPC Conference: Workshop on Motion Capture Data Exchange*.
- [Bou09a] A. Bouënard, 2009. Going beyond Motion Capture Data: an Application for Synthesizing Expressive Percussion Performances. In *CIRMMT-BRAMS Workshop on Expressive Performance*.
- [Bou09b] A. Bouënard. *Synthesis of Music Performances: Virtual Character Animation as a Controller of Sound Synthesis*. PhD thesis, European University of Brittany, France, 2009.
- [BWG08] A. Bouënard, M. M. Wanderley, and S. Gibet. Analysis of Percussion Grip for Physically Based Character Animation. In *Proc. of the International Conference on Enactive Interfaces (ENACTIVE)*, pages 22–27, 2008.

- [BWG09a] A. Bouënard, M. M. Wanderley, and S. Gibet. Advantages and Limitations of Simulating Percussion Gestures for Sound Synthesis. In *Proc. of the International Computer Music Conference (ICMC)*, pages 255–261, 2009.
- [BWG09b] A. Bouënard, M. M. Wanderley, and S. Gibet. Analysis of Timpani Preparatory Gesture Parameterization. In *Proc. of the International Gesture Workshop (GW)*, pages 61–62, 2009.
- [BWG10] A. Bouënard, M. M. Wanderley, and S. Gibet. Gesture Control of Sound Synthesis: Analysis and Classification of Percussion Gestures. *Acta Acustica united with Acustica*, 96(4):668–677, 2010.
- [BWGM11] A. Bouënard, M. M. Wanderley, S. Gibet, and F. Marandola. Virtual Control and Synthesis of Music Performances: Qualitative Evaluation of Synthesized Timpani Exercises. *Computer Music Journal*, 35(3):57–72, 2011.
- [GB06] S. Gibet and A. Bouënard. Sound Synthesis by Simulation of Percussive Gesture of a Virtual Animated Agent. In *2nd ConGAS International Symposium on Gesture Interfaces for Multimedia Systems*, 2006.
- [GBHW10] F. Grond, A. Bouënard, T. Hermann, and M. M. Wanderley. Virtual Auditory Myography of Timpani-playing Avatars. In *Proc. of the International Conference on Digital Audio Effects (DAFX)*, pages 135–142, 2010.

