

Referências Bibliográficas

- [1] ARNOLD, D. N.; FALK, R. S. ; WINTHER, R. Finite element exterior calculus, homological techniques, and applications. *Acta Numerica*, v.15, p. 1–155, 2006.
- [2] BARZEL, R.; BARR, A. H. A modeling system based on dynamic constraints. *SIGGRAPH*, p. 179–188, 1988.
- [3] BEER, F. P. *Mecânica Vetorial para Engenheiros - Estática*. Makron Books.
- [4] BELLARD, F. *Ffmpeg*, 2004.
- [5] DESBRUN, M. Discrete differential forms and applications to surface tiling. In: *SOCG*, p. 40, 2006.
- [6] FEATHERSTONE, R. *Rigid body dynamics algorithms*. Springer, 2008.
- [7] GALASSI, M.; THEILER, J. *GSL - GNU Scientific Library*, 2009.
- [8] GOLUB, G. H.; VAN LOAN, C. F. *Matrix computations*. Johns Hopkins Studies in the Mathematical Sciences, 1996.
- [9] GRZESZCZUK, R.; TERZOPOULOS, D. Automated learning of muscle-actuated locomotion through control abstraction. In: *SIGGRAPH*, p. 63 – 70, 1995.
- [10] HECKER, C.; RAABE, B.; ENSLOW, R. W.; DEWEESE, J.; MAYNARD, J. ; VAN PROOIJEN, K. Real-time motion retargeting to highly varied user-created morphologies. In: *SIGGRAPH*, p. 27:1–27:11, 2008.
- [11] HERNANDEZ, V.; ROMAN, J. ; VIDAL, V. *SLEPc: A scalable and flexible toolkit for the solution of eigenvalue problems*, volume 31, p. 362. 2005.

- [12] HIEBERT, G. **OpenAL programmer's guide**, 2005.
- [13] HODGINS, J. K.; POLLARD, N. S. **Adapting simulated behaviors for new characters**. In: SIGGRAPH, p. 153 – 162, 1997.
- [14] HODGINS, J. K.; WOOTEN, W. L.; BROGAN, D. C. ; O'BRIEN, J. F. **Animating human athletics**. In: SIGGRAPH, p. 71 – 78, 1995.
- [15] ISAACS, P. M.; COHEN, M. F. **Controlling dynamic simulation with kinematic constraints, behavior functions and inverse dynamics**. *Computer Graphics*, v.21, n.4, p. 215–224, 1987.
- [16] KESSENICH, J.; BALDWIN, D. ; ROST, R. **The OpenGL shading language v 4.0**, 2010.
- [17] KRY, P. G.; REVERET, L.; FAURE, F. ; CANI, M.-P. **Modal locomotion: Animating virtual characters with natural vibrations**. *Computer Graphics Forum*, v.28, p. 289–298, 2009.
- [18] LAGE, M.; LEWINER, T.; LOPES, H. ; VELHO, L. **CHF: a scalable topological data structure for tetrahedral meshes**. *SIBGRAPI*, p. 349–356, 2005.
- [19] LEWINER, T.; VIEIRA, T.; BORDIGNON, A.; CABRAL, A.; MARQUES, C.; PAIXAO, J.; CUSTODIO, L.; LAGE, M.; ANDRADE, M.; NASCIMENTO, R.; BOTTON, S. D.; PESCO, S.; LOPES, H.; MELLO, V.; PEIXOTO, A. ; MARTINEZ, D. **Tuning manifold harmonics filters**. In: *SIBGRAPI*, p. 110–117, 2010.
- [20] LEWINER, T.; VIEIRA, T.; MARTÍNEZ, D.; PEIXOTO, A.; MELLO, V. ; VELHO, L. **Interactive 3d caricature from harmonic exaggeration**. *Computers and Graphics*, v.35, n.3, p. 586–595, 2011.
- [21] MCGEER, T. **Passive dynamic walking**. *The International Journal of Robotics*, v.9, n.2, p. 62–82, 1990.
- [22] NAYLOR, A.; SELL, G. **Linear Operator Theory in Engineering and Science**. Applied Mathematical Sciences. Springer, 2000.
- [23] O'BRIEN, J. F.; SHEN, C. ; GATCHALIAN, C. M. **Synthesizing sounds from rigid-body simulations**. In: SCA, p. 175–181, 2002.
- [24] PENTLAND, A.; WILLIAMS, J. **Good vibrations: modal dynamics for graphics and animation**. In: SIGGRAPH, p. 215–222, 1989.

- [25] ROOSENDAAAL, T. **Blender**, 1999.
- [26] SHABANA, A. A. **Computational Dynamics**. Wiley-Interscience, 2001.
- [27] SUN, H. C.; METAXAS, D. N. **Automating gait generation**. In: SIGGRAPH, p. 261–270. ACM, 2001.
- [28] TAUBIN, G. **A signal processing approach to fair surface design**. In: SIGGRAPH, p. 351–358, 1995.
- [29] VALLET, B.; LEVY, B. Spectral geometry processing with manifold harmonics. **Computer Graphics Forum**, v.27, n.2, p. 251—260, 2008.
- [30] WITKIN, A.; KASS, M. **Spacetime constraints**. In: SIGGRAPH, p. 159–168, 1988.
- [31] WU, J. C.; POPOVIĆ, Z. Realistic modeling of bird flight animations. **ACM Transactions on Graphics**, v.22, n.3, p. 888–895, 2003.
- [32] YINGHUI, C.; JING, W. ; XIAOHUI, L. **Real-time deformation using modal analysis on graphics hardware**. In: SIGGRAPH ASIA, p. 173–176, 2006.