



International Journal for Computational Vision and Biomechanics

www.fe.up.pt/~ijcvb

EDITORS

João Manuel R. S. Tavares

tavares@fe.up.pt

www.fe.up.pt/~tavares

R. M. Natal Jorge

rnatal@fe.up.pt

Address

Faculty of Engineering
University of Porto
Rua Dr. Roberto Frias, s/n
4200-465 Porto
Portugal

EDITIONS

Frequency: 2 issues per year

Start date: January of 2008

Contents of Vol. 1, No. 1, January-June 2008 (printed):

Parametric Geometrical Subject-specific Finite Element Models of the Proximal Femur: A Tool to Predict Slipped Capital Femoral Epiphyses

O. Paseto, M. J. Gómez-Benito, J.M. García-Aznar, C. Barrios and M. Doblaré

Framework for Computer-aided Detection of Pulmonary Embolism

Raphaël Sebbe, Bernard Gosselin, Roger Lédée, Christophe Léger, Emmanuel Coche and Benoît Macq

A Framework for 3D Reconstruction of Human Organs from MR Images: A Model and Fuzzy Set Principles Based Approach. Application to Prostate Segmentation and Reconstruction

N. Betrouni and M. Vermandel

Automatic Learning of 3D Pose Variability in Walking Performances for Gait Analysis

I. Rius, J. González, M. Mozerov and F. Xavier Roca

Material Properties and Extended Sources for Surface Rendering

J.J. Koenderink and S.C. Pont

Heuristically Driven Front Propagation for Fast Geodesic Extraction

G. Peyré and L.D. Cohen

Dynamics of the Female Pelvic Floor

C.E. Constantinou

Supervised Learning and Classification of Multi-class Objects Using Kernel Trick

M. Masudur Rahman and A. Santhanam

Computational Study on Bone Remodeling and Osseointegration for a Hip Replacement using a Conservative Femoral Stem

J. Folgado, P.R. Fernandes and H.C. Rodrigues

Computational Modelling of Ligaments at Non-physiological Situations

B. Calvo, E. Peña, M.A. Martínez and M. Doblaré

The Myocardium as a Composite Material: An Overview on the Dynamic Modulation of its Passive Mechanical Properties

A. Leite-Moreira and J. Ferreira-Martins

Pole Vault Practice and Rotator Cuff Strength: Comparison Between Novice and Competitive Athletes

J. Frère, M. L'Hermette and C. Tourny-Chollet