

ANNEXES

A – RECUEIL DES PUBLICATIONS:

R. Omran, R. Younès, J.C. Champoussin: Neural Networks for Real Time Non Linear Control of a Variable Geometry Turbocharged Diesel Engine. International Journal of Robust and Non Linear Control. (In Press, 2007)

Ch. El-Hage, R. Younès, Z. Aboura, M.L. Benzegagg: Mechanical Behavior Modeling of the orthogonal 3D composite Material. Composites Science and Technology. (In Press, 2007)

R. Younès, R. Omran, J.C. Champoussin: Genetic Algorithm for dynamic calibration of engine's actuators. SAE Paper 2007-01-1079.

J. Chalfoun, R. Younès, F.B. Ouezdou: Physiological Muscle Forces, Activation and Displacement Prediction during Free Movement in the Hand and Forearm. Journal of Robotics Systems, Vol. 22, Issue 11, 2005.

J. Chalfoun, R. Younès, F.B. Ouezdou: Forces Estimation by Penalised Lagrangian Method for Virtual and Biological Applications. Journal AMSE, Modeling C, Vol. 65 n° 7/8, 2004.

B – PUBLICATIONS DIVERSES

G. Chahal, R. Younès, P. Lafon: Analytical Modelling and Shape Optimization of floating Breakwater. WSEAS Transactions on Fluid Mechanics, Issue 5, volume 1, May 2006.

M. Atieh, R. Younès, M. Khalil, H. Akdag: Classification of the car seats by detection the muscular fatigue in the EMG signal. International Journal of Computational Cognition, Vol. 3, N° 4, 2005.

H. Ibrahim, A. Ilinca R. Younès, J. Perron, T. Basbouss: Study of a Hybrid Wind-Diesel System with Compressed Air Energy Storage. IEEE, Electrical Power Conference, "Renewable and Alternative Energy Resources", Montreal, Canada, October 2007.

G. Chahal, R. Younès, P. Lafon: Topology Optimization of a Floating Breakwater Using Density Distribution. 17th International Offshore and Polar Engineering Conference & Exhibition, Lisbon, Portugal. July 2007.

R. Younès, S. Fayyad, N. Saad, Air Conditioning of vehicles using the absorption cycle. 17th Air-conditioning and Ventilation Conference, Prague, May 2006.