

## François Destrempes

### AUTRES PUBLICATIONS QUE CELLES FAITES AU LBUM

#### *Publications en traitement d'images et imagerie médicale*

- 1) F. Destrempes, M. Mignotte, J.-F. Angers. **Localization of Shapes using Statistical Models and Stochastic Optimization.** *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 28(9):1603-1615, 2007.
- 2) F. Destrempes, J.-F. Angers, M. Mignotte. **Fusion of Hidden Markov Random Field Models and its Bayesian Estimation.** *IEEE Transactions on Image Processing*, 15(10):2920-2935, 2006.
- 3) S. Benameur, M. Mignotte, F. Destrempes, J. A. De Guise. **3D Biplanar Reconstruction of Scoliotic Rib Cage using the Estimation of a Mixture of Probabilistic Prior Models.** *IEEE Transactions on Biomedical Engineering*, 52(10):1713-1728, 2005.
- 4) F. Destrempes, M. Mignotte, J.-F. Angers. **A Stochastic Method for Bayesian Estimation of Hidden Markov Random Field Models with Application to a Color Model.** *IEEE Transactions on Image Processing*, 14(8):1096-1124, 2005.
- 5) F. Destrempes, M. Mignotte. **A Statistical Model for Contours in Images.** *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 26(5):626-638, 2004.
- 6) F. Destrempes, I. Brunette, J. Meunier, M. Beyrouthy, P. Demers, S. Fanous, G. Doyon. **Topography-based screening for previous laser in situ keratomileusis to correct myopia.** *Journal of Cataract & Refractive Surgery*, 28(9):1644-1650, 2002.

#### *Publications en mathématiques*

- 1) F. Destrempes. **Deformation of Galois representations: the flat case.** *Seminar on Fermat's Last Theorem*, V. Kumar Murty ed., CMS Conference Proceedings, vol. 17, 1995. (article didactique)
- 2) F. Destrempes. **Explicit reciprocity laws for Lubin-Tate modules.** *J. reine angew. Math.*, 463:27-47, 1995.
- 3) F. Destrempes et A. Pianzola. **The contragredient isotypic component of the regular representation of pseudoreflexion groups.** *Canad. Math. Bull.*, 38(2):182-186, 1995.
- 4) F. Destrempes et A. Pianzola. **On a counting formula of Djokovic for elements of finite order in compact Lie groups.** *Proc. of the AMS*, 121(3):943-950, 1994.
- 5) F. Destrempes et A. Pianzola. **Elements of compact connected simple Lie groups with prime power order and given field of characters.** *Geom. Dedicata*, 45:225-235, 1993.
- 6) F. Destrempes. **Representations modulo  $p$  associated with  $p$ -adic field extensions.** *Invent. math.*, 112:263-272, 1993.
- 7) F. Destrempes. **Generalization of a result of Shankar Sen: Integral representations associated with local field extensions.** *Acta Arithmetica*, LXIII.3:267-286, 1993.
- 8) F. Destrempes et A. Sengupta. **Configurations of points in sets of positive measure and in Baire sets of second category.** *Fund. math.*, 133:155-159, 1989.