CURRICULUM VITAE

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Diploma:
Ph. D. in mathematics, Université Libre de Bruxelles, 1969.

Positions:
- FNRS (= Belgian NSF) fellow from 1965 to 1972.
- Research Associate at the University of Chicago, 1971-1972.
- Since 1972: Assistant, Associate, Full Professor at the Université Libre de Bruxelles.
- Visiting Professor at the Université Catholique de Louvain in 1988-1989.

Among the stays abroad:
- University of Buenos Aires (Argentina): 2 months in 1987 + regular visits since that time.
- University of Cordoba (Argentina): about 2 weeks every year since 1997.
- UNICAMP (Brasil): about one week every year since 1988.
- University of Santiago (Chile): about 2 weeks every two years since 1996.
- University of Fes and of Oujda (Marocco): about 2 weeks every year from 1988 to 1998.

Among the lectures at meetings in the last 5 years:
- Workshop on ODE, Oberwolfach, March 2001.
- Primer Encuentro Nacional EDP y sus Applicaciones, Santiago (Chile), May 2001.
- Variational problems and related topics, Kyoto, June 2001.
- Conference on variational methods, Flagstaff, USA, June 2002.
- International Conference on Abstract and Applied Analysis, Hanoi (Vietnam), August 2002.
- Brasilian Congress of mathematics, Curitiba, November 2002.
- Pan American Study Institute on Differential Equations, Santiago (Chile), January 2003.
- Variational and Topological Methods in Nonlinear Analysis, Bedlewo (Poland), June 2003.
- Symposium on harmonic analysis and partial differential equations, Helsinki, August 2003.
- Workshop on nonlinear spectral theory, Oberwolfach, February 2004.
- Congrès d'Analyse Appliquée, El Jadida, Marocco, April 2004.
- Conférence en l'honneur de D. de Figueiredo, Campinas, Brasil, June 2004.
- World Congress of Nonlinear Analysis, Orlando, USA, June 2004.
- Seminario "Capricornio XIV", Soc. Nac. Chil. Mat., Arica, Chile, August 2004.
- Pan American Study Institute on Differential Equations, Santiago (Chile), January 2005.
- Abstract and Applied Analysis, Quy Nhon (Vietnam), June 2005.
- Free boundaries and nonlinear PDEs, Buenos Aires (Argentina), August 2005.
- Colloque d'Analyse non linéaire, Oujda (Marocco), November 2005.
- Topological and Variational Methods in PDE, Guanajuato (Mexico), December 2005.
- Brazilian School on Diff. Equat., Rio de Janeiro (Brasil), January 2006.

Among the lectures at seminars or colloquia in the last 5 years:
University of Santiago (Chile), May 2001.
Waseda University, Tokyo (Japan), June 2001.
University of Cordoba (Argentina), December 2001.
University of Campinas (Brasil), November 2002.
University of Toulouse (France), January 2003.
University of Paris 6 (Séminaire Jacques-Louis Lions, France), February 2003.
University of Granada (Spain), June 2003.
IMPA (Rio de Janeiro, Brasil), November 2003.
University of Buenos Aires (Argentina), May 2004.

Thesis adviser:
A. Addou (1987), A. Anane (1987), A. Benkirane (1988), M. Amattat (1989), M. Belghit (1992), A. El Hachimi (with F. de Thélin from Toulouse, 1993), M. Cuesta (1993), A. Loulit (1994), A. Marcos (1997), M. Alif (1999), C. Azizieh (with Ph. Clément from Delft, 2001), H. Ramos Quoirin (with M. Cuesta from Calais), L. Leadi (2006), A. Senoussaoui (2006).

(Addou, Anane, Benkirane, Amattat, Belghit, El Hachimi are now professors in Marocian universities, Marcos and Leadi are from Benin and Senoussaoui from Algeria).

IMU:
- Member of the CDE from 1998 to 2002.
- Member of the DCSG since 2003.

Among the publications in the last 5 years:
- (with A. Anane, O. Chakrone), Higher order spectrum and quasilinear elliptic problems, Boll. Unione Mat. Ital., 8 (2001), 483-519.
- (with M. Alif), On the Fučik spectrum with indefinite weights, Diff. Int. Equations, 14 (2001), 1511-1530.
- (with M. Arias, J. Campos and M. Cuesta), Asymmetric elliptic problems with indefinite weights, Annales Inst. H. Poincaré, Analyse Non Linéaire, 19 (2002), 581-616.
- (with R. Manasevich), On a nonlinear eigenvalue problem in Orlicz-Sobolev spaces, Proc. Royal Soc Edinburgh, 132A (2002), 891-909.
- (with T. Godoy and S. Paczka), On the antimaximum principle for the p-laplacian with weight, Nonlinear Analysis, TMA, 51 (2002), 449-467.
- (with J. Fleckinger and F. de Thélin), Antimaximum principle in $\square^N$: local versus global, J. Diff. Equat., 196 (2004), 119-133.
- (with D. de Figueiredo and P. Ubilla), Local superlinearity and sublinearity for indefinite elliptic problems, J. Functional Analysis, 199 (2003), 452-467.
- (with M. Arias, J. Campos and M. Cuesta), The functional Fučik spectrum has empty interior, Proc. Royal Soc. Edinburgh, 133A (2003), 3-10.
- (with T. Godoy and S. Paczka), Minimax formula for the principal eigenvalue and application to the antimaximum principle, Calculus Variations and P.D.E., 21 (2004),85-111.
- (with D. de Figueiredo and P. Ubilla), Multiplicity results for semilinear elliptic problems under local superlinearity and sublinearity, J. European Math. Soc., to appear.
- (with L. Leadi), Asymmetric elliptic problems in $\square^N$, submitted.

(Anane, Chakrone and Alif are from Moroco, Manasevich and Ubilla from Chile, Godoy and Paczka from Argentina, de Figueiredo from Brasil, Leadi from Brasil).