

### 3 Theoretical Physics: PhD publications

56. **Many Body approach to electron nucleus scattering at intermediate energies.** A. Gil, J. Nieves, E. Oset. Chapter 3 of the book (pags. 119-160), "Electromagnetic Response Functions of Nuclei", R. Cenni Editor, Nova Science Publishers (N.Y) 2001. Authors: J. Jourdan, J.E. Amaro, G.P. Co, A. Lallena, A. Gil, J. Nieves, E. Oset, M.B. Barbaro, A. de Pace, T.W Donnelly, A. Molinari, R. Cenni and P. Saraco.
57. **Comparison of Monte Carlo simulation and direct multi-step scattering theory in (e,e'p) nuclear reactions.** P. Demetriou, A. Gil, S. Boffi, C. Giusti, F. D. Pacati & E. Oset. *Nuclear Physics A* 650(2) (1999) 199-212.
58. **Coherent  $\gamma$ -production in (p,p') reactions in nuclei in the Delta resonance region.** A. Gil & E. Oset. *Physics Letters B* 416 (1998) 257-262.
59. **Inclusive (e,e'N), (e,e'  $\pi$ ), (e,e' NN), ... reactions in nuclei.** A. Gil, J. Nieves & E. Oset. *Nuclear Physics A* 627(1997) 599-619.
60. **Many Body approach to the inclusive (e,e') reaction from the quasielastic to the Delta excitation region.** A. Gil, J. Nieves & E. Oset. *Nuclear Physics A* 627(1997) 543-598.
61. **Virtual versus Real Compton scattering on nuclei in the Delta resonance region.** A. Gil, J.A. Gómez-Tejedor & E. Oset. *Nuclear Physics A* 614(1997) 521-534.
62. **A theoretical approach to the  $\pi \rightarrow \gamma\gamma$  reaction in nuclei.** A. Gil & E. Oset. *Physics Letters B* 346 (1995) 1-4.
63. **The axial charge renormalization in a relativistic finite nuclei description.** A. Gil, M. Kleinmann, H. Muether & E. Oset. *Nuclear Physics A* 584(1995) 621-633.
64. **Incoherent Bremsstrahlung in nuclei.** A. Gil & E. Oset. *Nuclear Physics A* 580(1994) 517-537.