

1015-42-91

**Cristina Balderrama** ([cbalde@euler.ciens.ucv.ve](mailto:cbalde@euler.ciens.ucv.ve)), Departamento de Matematicas Facultad de, Ciencias UCV Apt 47195, Los Chaguaramos, 1041-A Caracas, DC, Venezuela, **Piotr Graczyk** ([graczyk@univ-angers.fr](mailto:graczyk@univ-angers.fr)), Departement de Mathematiques, Universite d'Angers 2, Boulevard Lavosier, 49045, Cedex 01 Angers, France, and **Wilfredo O Urbina\*** ([wurbina@math.unm.edu](mailto:wurbina@math.unm.edu)), Department of Mathematics and Statistics, MSC03 2150, 1 University of New Mexico, Albuquerque, NM 87131-000. *On orthogonal polynomials with Hermitian matrix argument*. Preliminary report.

We construct orthogonal polynomials with Hermitian matrix argument and study some classical formulas that can be obtained for them. (Received January 27, 2006)