**Place of work**

Universidad Autónoma de Madrid.

**Research interests**

Fourier series, Function theory, orthogonal series, wavelet analysis and applications.

**Prerequisites**

Graduate courses in Measure theory and Integral, Functional Analysis.

**Project description**

Obtain for any of the following orthogonal systems: Legendre, Laguerre , Hermite results similar to those obtained for the trigonometric system in

*K. S. Kazarian, Summability of generalized Fourier series and Dirichlets problem in Lp(dm) and weighted Hp-spaces, p>1, Anal. Math. 13,173-197(1987).*

**Work mode**

Tuesdays and Skype.