

El Departamento de Estadística del ITAM

anuncia la siguiente sesión de

EL SEMINARIO ALEATORIO

que con el título

Quantification of Linear and Nonlinear Effects in Data Analysis

será impartida por el

*Profesor Yves Escoufier
Universite Montpellier II Sciences et Techniques du Languedoc*

Abstract

We consider an experimental situation where for every statistical unit there exist two sets of variables: one set containing the explicative variables and the other the responses. To analyze the data we apply first the Principal Components Method on the responses treating the explicative variables as supplementary. Since these variables play a part in the analysis we then use the Principal Components with Instrumental Variables Method which leads to the quantification of their linear and nonlinear effects in the decomposition of the total variability. In our particular example the explicative variables are geographical coordinates that are used for the quantification of spatial effects.

*Fecha: Viernes 17 de Abril
Hora: 11:15 a 12:30
Lugar: Salón 307, Río Hondo*

El Seminario Aleatorio está destinado tanto a profesores como a estudiantes por lo que el Departamento de Estadística agradece a los profesores que colaboren invitando a sus alumnos a estas sesiones.