

El Departamento de estadística del ITAM

anuncia la siguiente sesión de

EL SEMINARIO ALEATORIO

que con el título

***THE OVERLAP THEORY ON SEX DISCRIMINATION AND
THE THEORY OF PROBABILISTIC COUPLING***

impartirá

Dr. N.D. Shyamalkumar

Departamento de Actuaría
Departamento de Estadística
ITAM

ABSTRACT

During the 1980s the now standard actuarial practice of using sex distinct mortality tables came under public scrutiny. The basic reason for the public interest being that the use of the sex distinct mortality made life annuities costlier for the females as compared to that for the males. The issue was important enough that the US Supreme Court ruled on three cases between the late 70s and 80s.

In this talk we will discuss the issues concerning the use of sex-distinct mortality tables in the US, including the Supreme Court decisions. Our focus would be on a particular argument used in support of unisex tables called the Overlap Theory. We will show that the overlap theory is fundamentally flawed by using a coupling argument, after introducing the method of probabilistic coupling by means of a card trick.

Fecha: Viernes 16 de noviembre

Hora: 12:30

Salón: 209

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.