ÇANKAYA UNIVERSITY
FACULTY OF ARTS AND SCIENCES
DEPARTMENT OF MATHEMATICS

SEMINAR

Optimal cubature formulas on compact homogeneous manifolds

SPEAKER : **Asst. Prof. Dr. Alexander KUSHPEL, Çankaya University, Department of Mathematics**

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TIME : **15:30**

PLACE : **Çankaya University (Central Campus), R-213**

Abstract

The problem of numerical integration over the surface of the unit sphere is one of the most important in Analysis and applications. The theory of functions on the sphere has been initiated in the XVIIIth century in works of Laplace and Legendre when the first cubature formulas on the sphere appeared and the problem on optimal numerical integration has been posed. We give an explicit solution of this problem.

All interested are cordially invited.

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