

Chai, Youngdo

Professor
Department of Mathematics



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Key Words Isoperimetric Inequality, Geometric Measures, Integral Geometry

Research Area Differential Geometry

Education

- U. of Rochester PhD
- Seoul National University MSc
- Sogang University BSc

Experience

- U. of California Post Doc. Supported from KOSEF.
- U. of Illinois Visiting Scholar Supported by Ministry of Education

Position

- Chairman of Department Chairman of Committee for Basic Science of Ministry of Science and Tec
- Head of MTLC General Director for KMS
- P.I. of BSRI Editor for Bull. of KMS.

Selected Publication

- An estimate of the volume of a compact set ..., Pacific J. of Math. 144(1990), No.2, 229-235.
- A geometric inequality for certain types of compact ..., Amer. J. of Math. 113(1991), 423-439.
- A topological characterization of compact n-manifold in \mathbb{R}^n , Top. and its Appl. 43(1992), 83-89.
- Infinitesimally null Ricci isotropic Lorentz manifolds, J. of Geo. and Phy. 20(1996), 297-300.
- A geometric Inequality on mixed volumes, Ann. Global Anal. and Geo. 14(1996), 373-380.
- A new lower bound for the integral..., Diff. Geo. and its Appl. 7(1997), 35-40
- Harmonic radial combinations and dual mixed volumes, Asian J. of Math., 8(2001). 235-242.
- Floer type cohomology on cosymplectic manifolds, Int.J.Geo.Meth.Mod,Phy,12(2015)No.7

Others

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