COLLOQUIUM
Mathematics Department
2017년 9월 28일, 5시, 과학관 225

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제목 A tale of ellipsoids

Ellipsoids have numerous beautiful properties and they have studied extensively in the early half of the last century in relation to the potential theory. For example, ellipsoids are the only simply connected domains where the Newtonian potential is a quadratic function. Lately interest in ellipsoids has been revived in theory of effective medium and cloaking/invisibility. In this talk I will briefly explain the resolution of conjectures of Polya-Szego and Eshelby which are related to a characterization of ellipsoids. I will also discuss about recent development on the over-determined problem for confocal ellipsoids and neutral inclusion problems.

강연전 4:40부터 다과회가 있습니다.

VISIT *MATH.YONSEI.AC.KR* FOR MORE DETAILS.