

MCS COLLOQUIUM

Colin McKinney
University of Iowa

will present

ΠΕΡΙ ΤΟΥ ΤΟΥ ΚΥΒΟΥ ΔΙΠΛΑΖΕΙΝ **On the Duplication of the Cube**

3:30 pm
Tuesday, April 14th
Violette Hall 1236

In this talk, we will explore the classic ancient problem of duplicating a cube: given a cube, to find one double in volume. The problem is impossible if we restrict ourselves to only straightedge and compass, a fact that was at least intuitively known by the Greeks but not formally proved until the 19th century. There are, however, a wealth of constructions provided by many Greek mathematicians for how to solve the problem using more advanced techniques. The talk will focus on several solutions to the problem as well as a discussion of the history of the problem and its solutions.

Cookies and Refreshments!!!