CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, October 28
2:00 – 3:00 PM
Maria Sanford, Room 101

ON THE HAMILTONICITY OF THE HYPERCUBE

WITH SOME DELETED VERTICES

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(Joint work with Nelson Castaneda)

CENTRAL CONNECTICUT STATE UNIVERSITY

ABSTRACT

In 2001 an open problem in Graph Theory related to the hamiltonicity of the hypercube 2^n with some deleted vertices was published in "The American Mathematical Monthly" as Problem 10892. We present a solution of this problem together with several interesting generalizations and a conjecture.

The talk should be accessible to undergraduate students.

AFTERMATH:
Refreshments will follow the colloquium at Castaneda's
(1590 Stanley St. – across from the administration building)

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