

ALGEBRA SEMINAR

Continuity is an Adjoint Functor

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ABSTRACT: It is commonly held that adjoint functors appear “almost everywhere” in mathematics. In this talk I will first review the concepts of category, functor, and adjoint pairs of functors. I will then explain how an elementary example of an adjoint pair can be found within the definition of a continuous function. This example appears to not be widely known.

MONDAY, APRIL 28, 2014
1:30 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS