

An Undergraduate Lecture Series



Announcing

A Presentation
on February 11, 2016
at 1:30 pm in
Lee Conference Room 301
at The University of New Haven

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Title: A characteristic property of differentiation

Abstract:

In this talk, we will explain that the statement, if a differentiable function $f(x)$ has a relative extrema at $x = a$, then $f'(a) = 0$, “almost” characterizes the differentiation operator. Then, we will proceed to prove that in the space of all twice continuously differentiable functions, any Fermat operator must be a differentiation.

Further Information

For further information, please contact Angie Domschine at the Department of Mathematics, Office: Maxcy 204, 203-932-7250, ADomschine@newhaven.edu.