

UMW Department of Mathematics Announcement

Differentiability and Continuity of a Real Valued Function Which implies the other?

Presented by

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Abstract: The respective definitions of the continuity of a real valued function and the derivative of a real valued function are utilized to show that if one characteristic of a function is present, it leads automatically to the other characteristic for that function. Then it is shown, by way of a counterexample, that the converse is not necessarily true.

“Mr. Brown is a candidate for an open position in the department”

