



## [References]

### **Limit, Continuity & Differentiability of a real valued function of a real variable**

**Subject:** Business Economics

**Course:** B. A. (Hons.), 2<sup>nd</sup>Semester,  
Undergraduate

**Paper No. & Title:** Paper – 202  
Mathematics for Business  
Economics

**Unit No. & Title:** Unit – 2  
Functions

**Lecture No. & Title:** Lecture – 2  
Limit, Continuity &  
Differentiability of a real  
valued function of a real  
variable

## **References**

### **Books**

1. Calculus (Single Variable) by Blank and Krantz, Key College Publishing.
2. Fundamental methods of Mathematical Economics by Chiang, Mcgraw Hill International.
3. Introduction to the use of Mathematics in Economic analysis by Davis S Huang, Wiley Publishing Company.

### **Links**

- [https://en.wikipedia.org/wiki/Limit\\_of\\_a\\_function](https://en.wikipedia.org/wiki/Limit_of_a_function)
- <http://www.milefoot.com/math/calculus/limits/TransContinuityProofs08.htm>
- <http://tutorial.math.lamar.edu/Classes/CalcI/TheLimit.aspx>
- <http://tutorial.math.lamar.edu/Classes/CalcI/InfiniteLimits.aspx>
- [https://en.wikipedia.org/wiki/Continuous\\_function](https://en.wikipedia.org/wiki/Continuous_function)
- <https://en.wikipedia.org/wiki/Derivative>
- <http://www.sparknotes.com/math/calcab/introductiontoderivatives/section1.rhtml>