

how come calculus can be exact?

Source: <http://sci.tech-archive.net/Archive/sci.math/2004-09/1029.html>

From: ashok (arjdombivli_at_indiatimes.com)

Date: 09/05/04

Date: 5 Sep 2004 11:06:02 -0700

How come calculus gives the exact results despite we are making approximations (neglecting the infinitesimal which tends to zero) at its basic definition level?

I am getting very much frustrated over it.

Can someone please convince me over the exclusion of the infinitesimal terms from the definition and still getting the correct results.??