Re: Attempt epsilon−delta

Source: http://sci.tech−archive.net/Archive/sci.math/2004−10/0318.html

---

From: Chris Wagner (*clwagner_at_vulcan.wagner.nul*)
Date: 10/01/04

Date: Fri, 1 Oct 2004 12:27:15 +0000 (UTC)

In article <BLOCKSPAMfishfry−18157F.17255129092004@netnews.comcast.net>,
fishfry <BLOCKSPAMfishfry@your−mailbox.com> writes:
> *In article <cjeohn$3cvr$1@murrow.it.wsu.edu>,*
>
> *Well your last remark is the key to your difficulty. Continuity is often*
> *defined (in freshman calculus, at least) as lim_{x−>a} f(x) = f(a). In*
> *this case, however, this is the thing to be proved. Therefore you must*
> *start from a DIFFERENT definition of continuity, which you have not*
> *provided.*
>
> *So the outline of your proof must look something like this:*
>
> *Definition: f:R−>R is continuous (at a point a) if <such and so>*
>
> *Given: f:R−>R is continuous at a point a.*
>
> *Conclusion: lim_{x−>a} f(x) = f(a)*
>
> *Make sense?*

Yes it does. Thank−you. What I need to learn is the Cauchy−Weierstrass
epsilon delta method.

Chris Wagner