

Ben Foster <foster@ucar.edu>

## **TIEGCM handbook typo?**

5 messages

Alex T. Chartier <alex.chartier@jhuapl.edu>

Thu, Aug 6, 2015 at 5:46 PM

To: Ben Foster <foster@ucar.edu>

Cc: "<Ryan.Mcgranaghan@colorado.edu>" <Ryan.Mcgranaghan@colorado.edu>

Hi Ben,

On page 125 of the TIEGCM handbook, equations 6.13 and 6.16 have two terms of: sqrt(Ti + Te / 2). I believe the second terms (the ones preceded by log10) are typos and should be removed. The code does not have square roots in the log10 terms (lamdas.F line 164-165):

Alex Chartier

Ryan Michael Mcgranaghan < Ryan. Mcgranaghan@colorado.edu>

Thu, Aug 6, 2015 at 5:48 PM

Reply-To: Ryan.Mcgranaghan@colorado.edu To: "Alex T. Chartier" <alex.chartier@jhuapl.edu>

Cc: Ben Foster <foster@ucar.edu>

Hi Ben

Also, the handbook has the coefficient '0.73' for the first term, rather than the '0.073' shown in the source code. This is likely also a typo.

Best.

Ryan

[Quoted text hidden]

Ben Foster <foster@ucar.edu>

Sat, Aug 8, 2015 at 5:01 PM

To: Astrid Maute <maute@ucar.edu>

Astrid, is this in the Description?

Sent from my iPhone

Begin forwarded message:

From: "Alex T. Chartier" <alex.chartier@jhuapl.edu>

Date: August 6, 2015 at 5:46:28 PM MDT

To: Ben Foster <foster@ucar.edu>

Cc: "<Ryan.Mcgranaghan@colorado.edu>" <Ryan.Mcgranaghan@colorado.edu>

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Subject: TIEGCM handbook typo?

[Quoted text hidden]

**Ben Foster** <foster@ucar.edu>
To: Astrid Maute <maute@ucar.edu>

Sat, Aug 8, 2015 at 5:02 PM

Begin forwarded message:

Sent from my iPhone

From: Ryan Michael Mcgranaghan < Ryan. Mcgranaghan @ Colorado. EDU >

Date: August 6, 2015 at 5:48:29 PM MDT

To: "Alex T. Chartier" <alex.chartier@jhuapl.edu>

Cc: Ben Foster <foster@ucar.edu>
Subject: Re: TIEGCM handbook typo?

Reply-To: Ryan.Mcgranaghan@Colorado.EDU

[Quoted text hidden]

Astrid Maute <maute@ucar.edu>
To: Ben Foster <foster@ucar.edu>

Sat, Aug 8, 2015 at 8:46 PM

Ben,

I will check it, and correct it. Astrid

[Quoted text hidden]

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