

Auto Multiple Choice - Feature # 260: answers in scientific notation (\AMCnumericChoices)

Status:	Closed	Priority:	Normal
Author:	math user	Category:	LaTeX
Created:	01/25/2014	Assignee:	
Updated:	03/06/2018	Due date:	
Description:	<p>same format as displayed by a pocket calculator when setting SCI and e.g. FIX 2 (normalized scientific form or standard form):</p> <p>-0.13579 is displayed as $-1.36E-1$</p> <p>So there would be two numbers to code: the significand (e.g. digits=3, decimals=2, sign=true) and the exponent (e.g. digitsexponent=1, signexponent=true), both with an optional sign and the letter "E" displayed between the two numbers.</p> <p>All in all the above number would have 6 lines in vertical mode:</p> <p>$-$ 1 $.$ 3 6 E -1</p> <p>_Detail: Zero should be coded as 0.00E0, but minus signs should also be allowed and also different exponents: $-0.00E-5$ should also be allowed if the result is 0._</p>		

History

10/20/2014 05:56 pm - Alexis Bienvenüe

- Target version deleted (1.3.0)

- Assignee deleted (Alexis Bienvenüe)

11/28/2014 10:52 pm - math user

I do not need this feature anymore, so this feature request can be deleted.

01/14/2015 06:20 pm - Lucas Silva

I'm assuming this feature hasn't been implemented, but I absolutely need it. Is there any way for me to work around the lack of this feature?

01/14/2015 07:48 pm - Alexis Bienvenüe

If you have some LaTeX skills: look at the code for @AMCnumericChoices@, and extend it. If you do so, please propose a patch to include it in AMC!

01/15/2015 12:28 pm - Lucas Silva

I've only taken a basic programming course, but I suppose I could give it a try. Where do I even begin looking into this?

10/13/2017 04:26 pm - Alexis Bienvenüe

- Status changed from New to Feedback

- File expo.tex added

- File subject.pdf added

Added with revision commit:5dfade6a0bba.

See attached LaTeX sample files.

10/13/2017 04:31 pm - Alexis Bienvenüe
- Target version set to 1.4.0

03/06/2018 09:29 am - Alexis Bienvenüe
- Status changed from Feedback to Closed

- % Done changed from 0 to 100

Files			
expo.tex	1.2 kB	10/13/2017	Alexis Bienvenüe
subject.pdf	77.6 kB	10/13/2017	Alexis Bienvenüe