GROMACS - Feature #1564

**g_gyrate help text and manual is confusing**

07/16/2014 10:40 AM - David van der Spoel

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>David van der Spoel</td>
</tr>
<tr>
<td>Category:</td>
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<tr>
<td>Target version:</td>
<td>5.0.7</td>
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<td>Difficulty:</td>
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**Description**

A clearer specification of the meaning of the components of the radius of gyration should be added. Right now it is not obvious that

\[ R_g(x) = \sqrt{\frac{\sum_i m_i (R_i(y)^2 + R_i(z)^2)}{\sum_i m_i}} \]

**Associated revisions**

Revision bc90186c - 06/20/2015 08:10 PM - Erik Lindahl

Updated docs for g_gyrate

Added the equations we use for the axis components.

Fixes #1564.

Change-Id: Ifce17326f738a72386bf24f949e418d2550568b5

**History**

#1 - 09/01/2014 03:03 PM - Mark Abraham
- Target version changed from 5.0.1 to 5.x

#2 - 06/19/2015 10:04 AM - Gerrit Code Review Bot
Gerrit received a related patchset ‘1’ for Issue #1564.
Uploader: Erik Lindahl (erik.lindahl@gmail.com)
Change-Id: Ifce17326f738a72386bf24f949e418d2550568b5
Gerrit URL: https://gerrit.gromacs.org/4746

#3 - 06/19/2015 10:04 AM - Erik Lindahl
- Status changed from New to Fix uploaded

#4 - 06/22/2015 12:42 PM - Rossen Apostolov
- Status changed from Fix uploaded to Closed

#5 - 07/11/2016 07:47 PM - Mark Abraham
- Target version changed from 5.x to 5.0.7