**Gromacs - Bug #1244**

**cos-acceleration viscosity output incorrect**

05/08/2013 05:29 PM - Berk Hess

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
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</thead>
<tbody>
<tr>
<td>Priority</td>
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</tr>
<tr>
<td>Assignee</td>
<td>Berk Hess</td>
</tr>
<tr>
<td>Category</td>
<td>mdrun</td>
</tr>
<tr>
<td>Target version</td>
<td>4.6.2</td>
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<tr>
<td>Affected version</td>
<td>4.6.1</td>
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**Affected version - extra info:**

**Description**

The viscosity output with cos-acceleration is off by a factor of the box volume. For version 4.5.4 I ADDED a missing factor of density instead of REPLACING the volume. Note that the incorrect viscosity value you get can be simply corrected by dividing by the box volume.

**Associated revisions**

Revision 25a78ecb - 05/08/2013 06:07 PM - Berk Hess

fixed incorrect scaling of cos-acceleration viscosity

The cos-acceleration 1/viscosity output contained an anomalous factor 1/volume. This factor is now removed.
Fixes #1244

Change-Id: I9bf318b4e6557720683d50a0c2e887e306bacc3f

Revision 0eeab7c0 - 06/13/2013 09:45 AM - Berk Hess

fixed incorrect scaling of cos-acceleration viscosity

The cos-acceleration 1/viscosity output contained an anomalous factor 1/volume. This factor is now removed.
Fixes #1244

Change-Id: I9bf318b4e6557720683d50a0c2e887e306bacc3f

**History**

#1 - 05/15/2013 09:55 PM - Berk Hess

- Status changed from New to Resolved
- % Done changed from 0 to 100

Applied in changeset 25a78ecb812d58ff0c82bb212b1a28b578bd8371f.

#2 - 05/31/2013 10:40 AM - Mark Abraham

- Status changed from Resolved to Closed