

## ***Interactive comment on “An approach to computing direction relations between separated object groups” by H. Yan et al.***

H. Yan et al.

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Received and published: 4 August 2013

Reviewer 1: Dr. Tan 1. Introduction: it gives a brief introduction of the issue, and the significance of this study is presented clearly. However, I suggest that the authors reference two or more nearest papers in this section. We have added two papers in the reference. Wolter, D., Lee, J.H., 2010. Qualitative reasoning with directional relations. *Artificial Intelligence* 174(18): 1498-1507. Mossakowski, T., 2012, Qualitative reasoning about relative direction of oriented points. *Artificial Intelligence* 180/181:34-45. 2. Please check through the paper to ensure the correctness of the spelling and grammar. We have checked the grammar of the paper.

Reviewer 2: Dr. Ying

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3. It seems that the description ( p3183line4-9) about projection is not associated with Figure 4. We have revised it.

4. The presence of Figure 4 and Figure 3 is not correct. We have revised them.

5. Figure 6 in p3186line19 should be Figure 5. We have revised them.

6. Is “the two objects” (p3188line1) equal to “two objects group”, the parameter d here is not so clear. Also the statement, “ the details : : :less than S will be simplified” is not clear: We have revised them: (1) we use “two object groups” instead of “two objects”; (2) “d” has been clarified to make it clear.

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Interactive comment on Geosci. Model Dev. Discuss., 6, 3179, 2013.

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**Fig. 1.** Final Response

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1 **An approach to computing direction relations between separated object groups**

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**Fig. 2.** Revised paper

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