Subject: QHULL/VORONOI question
Posted by Zarathustra on Tue, 15 Jul 2008 18:49:31 GMT
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I have 3D data (particle positions) and i'm trying to obtain voronoi polyhedra using QHULL. I need to calculate
cell volumes and mean voronoi volume of the system. However, the output of voronoi using QHULL is very confusing (specifically, the connectivity list). I understand the array which lists the vertices. However, the connectivity list a
simple 1-D array. I have no way of telling which vertices constitute a specific voronoi cell. In MATLAB the output of qhull is slightly more clear where the connectivity list is a 4 or 5 x n array which lists
all the vertices making up
a voronoi cell, only it unfortunately includes unbounded points. So my question is, am I interpreting the results of QHULL in IDL wrong? Is there a way for me to match the connectivity list with the vertices
QHULL gives
me in order to calculate a cell volume? Thanks for any input/advice!

Subject: Re: QHULL/VORONOI question
Posted by Zarathustra on Fri, 18 Jul 2008 17:53:02 GMT
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Does anyone have any suggestions? Thanks!

On Jul 15, 2:49 pm, Zarathustra <prasa...@gmail.com> wrote:
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