
Subject: Constructive Solid Geometry

Posted by [Arko Lucieer](#) on Fri, 03 Feb 2006 05:07:33 GMT

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Hi,

I am new to IDL and I was wondering whether it is possible to perform 3D Boolean operations (union, intersection, etc.) in IDL, which is otherwise known as Constructive Solid Geometry (for examples see: http://en.wikipedia.org/wiki/Constructive_solid_geometry). I'd like to intersect two 3D spheres and extract the intersection of the spheres as a separate 3D object. To make it slightly more complex, an intersection of two isosurfaces would even be better for my purposes. I have trawled through the IDL documentation and I don't think there is an out of the box solution, but maybe someone here knows of a solution?

Thanks!

Arko
