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Subject: Steiner and Holes arrived  
Posted by [\\_\\_DF\\_\\_](#) on Thu, 27 May 2010 11:19:11 GMT  
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My models Steiner and Holes arrived. Together with T-Gyroid, they all belong to my THIS IS YOUR HOME NOW project and they are already part of the BERLIN - ATHINA New Media Art exhibition that took place in CAID, Athens, Greece.

Bellow you can see some images.

Steiner model

T-Gyroid model

Holes model

Exhibition view

Exhibition view

#### File Attachments

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- 1) [IMG\\_0073.jpg](#), downloaded 544 times
  - 2) [IMG\\_0074.jpg](#), downloaded 553 times
  - 3) [IMG\\_0075.jpg](#), downloaded 560 times
  - 4) [IMG\\_0076.jpg](#), downloaded 530 times
  - 5) [IMG\\_0077.jpg](#), downloaded 529 times
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Subject: Re: Steiner and Holes arrived  
Posted by [Derakon](#) on Thu, 27 May 2010 14:27:53 GMT  
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Very nice work! I love the mathematical shapes. What approach did you use for modeling them? I've tried manual modeling in Blender and it's just not up to the task.

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Subject: Re: Steiner and Holes arrived  
Posted by [\\_\\_DF\\_\\_](#) on Thu, 27 May 2010 14:51:23 GMT  
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For math, you can check the following:

K3DSsurf: <http://k3dsurf.sourceforge.net/>

Rhino, Math Plugin: <http://www.rhino3d.com/resources/display.asp?language=&listing=585>

Grasshopper: <http://www.grasshopper3d.com/>

Surface Evolver: <http://www.susqu.edu/brakke/evolver/evolver.html>

Mathematica: <http://www.wolfram.com/>

KeyCreator: <http://www.kubotekusa.com/>

My models are usually a combination of several software.

I also use ParaCloud GEM and Maya.

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Subject: Re: Steiner and Holes arrived

Posted by [Youknowwho4eva](#) on Thu, 27 May 2010 15:52:20 GMT

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A fellow KeyCreatorer? KC is Easy to use and learn, but the newer the version the more of a resource hog. My favorite version was 4.5. I did here the newest one coming out will be 64 bit compatible though.

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Subject: Re: Steiner and Holes arrived

Posted by [\\_\\_DF\\_\\_](#) on Thu, 27 May 2010 16:30:31 GMT

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No, I am not using KeyCreator. This is a quote by you actually, at this post. Just mentioned this here for Derakon to start with his math.

Looking forward to find some time to check KC...

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Subject: Re: Steiner and Holes arrived

Posted by [Youknowwho4eva](#) on Thu, 27 May 2010 16:41:47 GMT

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Ah I see. Yes, you could create mathematical models with KC. Check it out. My supervisor at my last job informed me that the military uses CadKey, the predecessor to KC. So you know it's powerful stuff.

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