

Half Wire © Matthew Bennett

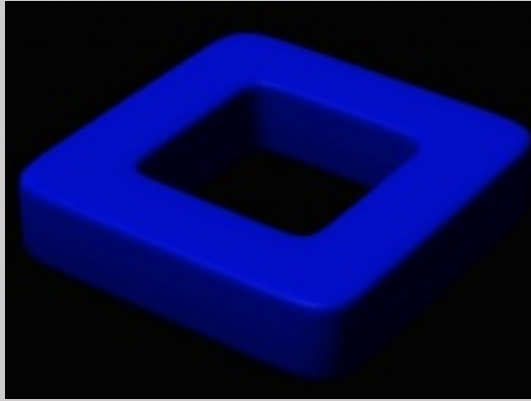
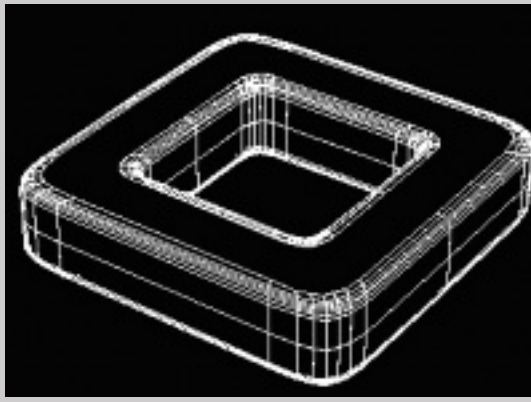
Before you begin this tutorial, you will need two things, trueSpace4, and Paint Shop Pro 5. The specifics that follow are written for those programs, however the general method I'm sure will work with programs like Photoshop.

To begin you will need two renderings of the same object from the exact same viewpoint, and rendered to the same resolution.

Right click on any Render -scene-object-scene to file-button to bring up the Scene Render Options panel. Change the rendering quality to Hidden Line, and set the background color to black. The difference between hidden line a wire frame is that with wire frame you see all sides of the object, where with hidden line you only see what is in the front. Your options should look as shown below:



As mentioned above, make two renderings of the object (for the object at the top of my page, I used four renderings). Your two renderings should look something like the ones shown below:

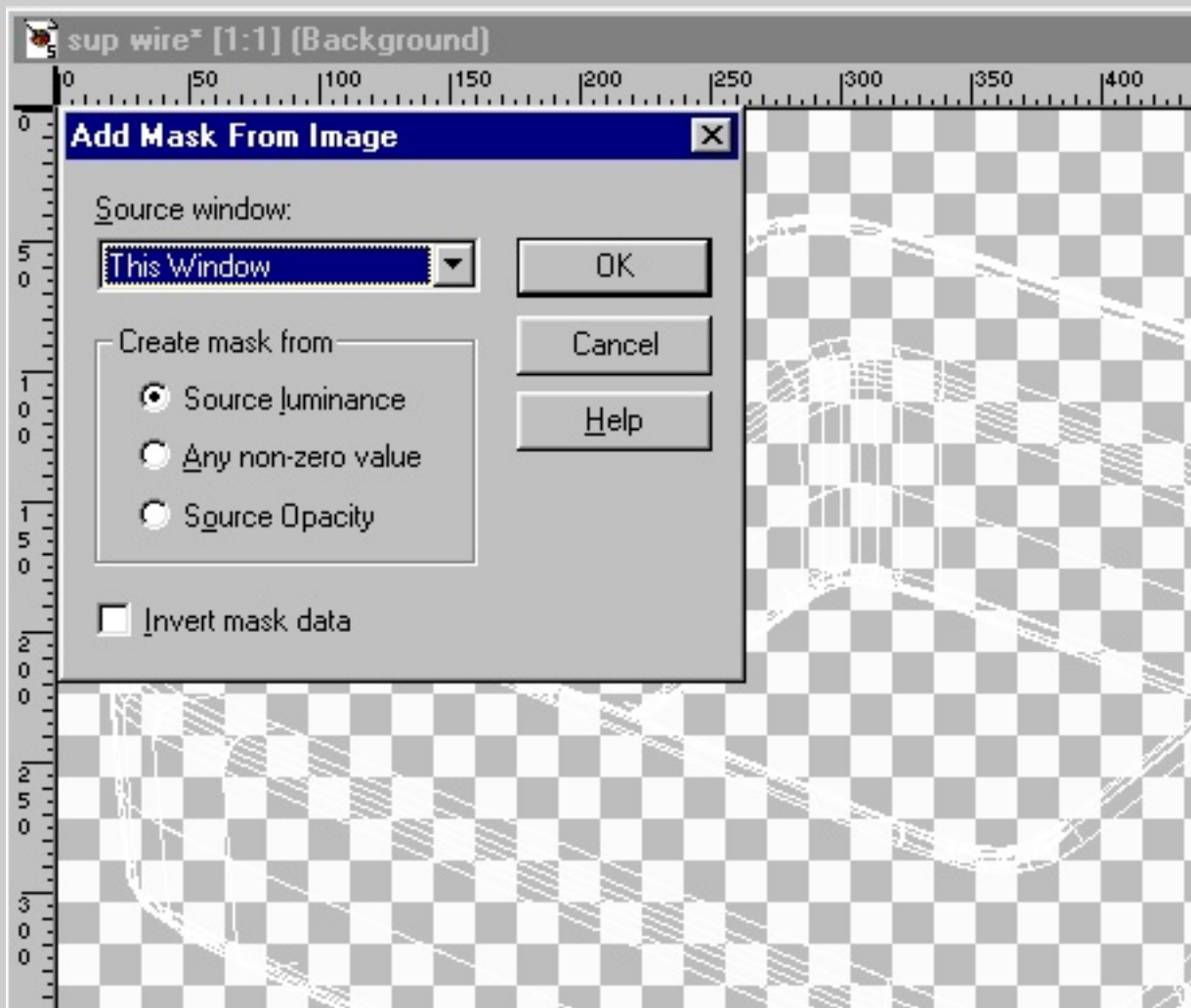


The next steps we will be using Paint Shop Pro 5 to modify the images to create the partial wire frame effect. Open both pictures as separate files (there are probably other ways to go about this, but I am fairly new to using frames, so feel free to email me with faster/more efficient methods).

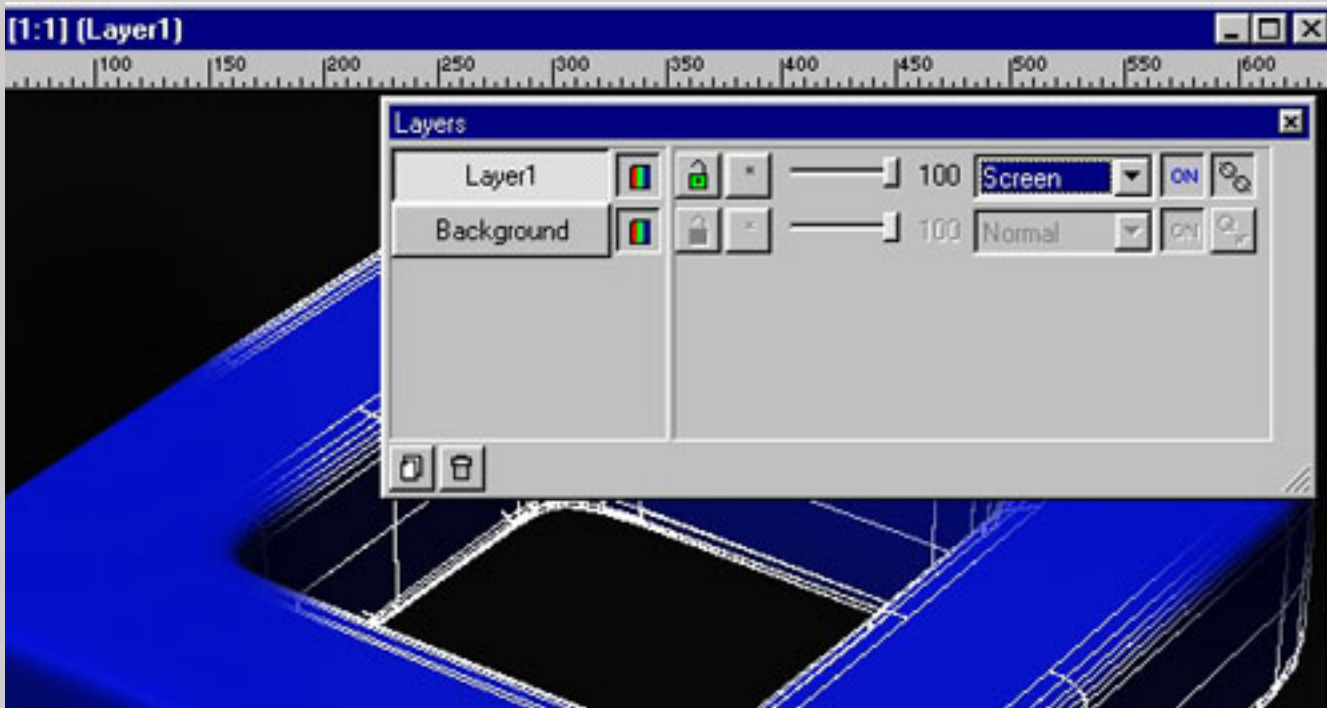
The next step is to erase the unwanted part of the wire frame. Basically anything you don't want to see of the wire frame you should erase. Additionally you will want to not 'cut' part of the wire frame out as this will leave a hard edge. The eraser tool will work nicely. Have 'none' selected for the paper texture, and erase what you don't want to see. For this example I erased the right and left corners.

The next step is to use the partially erased wire frame image as a mask. So select the solid rendered image

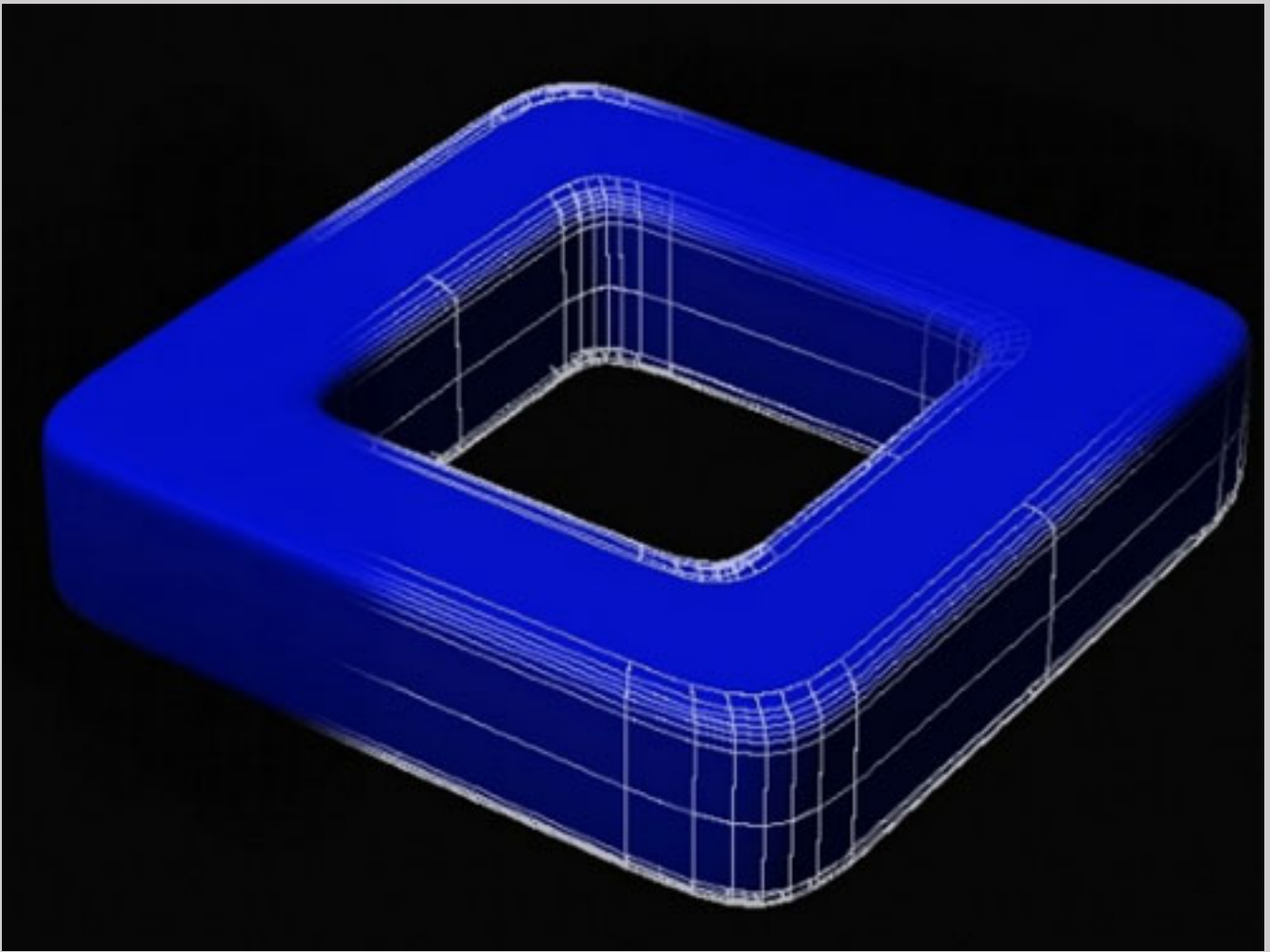
as the active one, then select Masks - New - From Image. Below is what the options panel looks like:



The next step is to copy and paste the wire frame image as a new layer onto the solid rendered image. Select 'Screen' as the layer blend mode as shown below:



Adjusting the opacity slider will make the wire frame stand out more, or become a subtle effect. The final image below used a setting of 71 for the opacity level.



If you have a better way of manipulating layers,
please send me an email, or better yet, point me to
your tutorial!!

Close