
Subject: something strange with MESH_VOLUME

Posted by [yingjie, Peng](#) on Wed, 02 Apr 2008 22:21:48 GMT

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Dear all,

I just want to calculate the volume of a cube with MESH_VOLUME and start to test with the following simple code:

```
cube = [[0,0,10] , [1,0,10] , [1,1,10] , [0,1,10] $  
        , [0,0,11] , [1,0,11] , [1,1,11] , [0,1,11] ]
```

```
conn = [4,0,1,2,3, $  
        4,0,1,5,4, $  
        4,1,2,6,5, $  
        4,2,3,7,6, $  
        4,3,0,4,7, $  
        4,4,5,6,7]
```

```
print, MESH_VOLUME ( cube , conn )
```

It gives me a volume: 7.66667

It's just a cube with each length of 1 and the volume should be 1.

Why is 7.66667 ~~~~>0<~~~~~

I have tried one whole night to find the problem but nothing worked.

Could somebody help me and thanks so much!

Cheers,
yingjie
