
Subject: cgImage and keep aspect ratio

Posted by [simulana](#) on Fri, 27 Mar 2015 22:16:49 GMT

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http://user.physics.unc.edu/~chaig/research/images/032715/2d_amr1-3_paper.png

I have a strange sizing problem that is cropping up in cgImage. I could probably solve it with a creative use of P.MULTI, but I would prefer to keep control over the positioning in my image because of the colorbar. Here is my position data:

```
position1 = [0.08,0.68,0.32,0.98]
position2 = [0.35,0.68,0.59,0.98]
position3 = [0.62,0.68,0.86,0.98]
position4 = [0.08,0.35,0.32,0.65]
position5 = [0.35,0.35,0.59,0.65]
position6 = [0.62,0.35,0.86,0.65]
position7 = [0.08,0.03,0.32,0.33]
position8 = [0.35,0.03,0.59,0.33]
position9 = [0.62,0.03,0.86,0.33]
xsizecm = 85
ysizecm = 110
```

I really don't know what size the outputs are from cgImage, but I was kind of hoping that giving them all the same physical dimensions and using /KEEP_ASPECT_RATIO would make it all shake out correctly. But why are just the first and third in the rows given odd sizing?

Many thanks if you can solve this puzzler.
