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Subject: Re: retaining ROI when rescaling?

Posted by [Jean H.](#) on Thu, 08 May 2008 21:38:21 GMT

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Spon wrote:

> On May 7, 8:38 pm, Dave L <dave.le...@gmail.com> wrote:

>> Hi,

>>

>> I have a 384X512 MRI image that I want to select an ROI in then

>> rescale it to overlay on a second MRI image measuring 110X110. I

>> would then select the same ROI on the second image. My question is

>> how can I retain the ROI selection when I rescale the image?

>>

>> Thanks,

>> Dave

>

> For a quick-and-dirty result, I would use CONGRID. You may well want

> better interpolation though. I'm making a big assumption: that your

> second image is a distorted version of the first one (or a distorted

> image of the same field of view). If this isn't the case, it won't

> work.

if the two images does not cover the same area, you would have to transform your ROI coordinates to lat-long, and transform them back to image coordinates of your second image...

Jean

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