Subject: Re: retaining ROI when rescaling?
Posted by pgrigis on Thu, 08 May 2008 21:54:43 GMT
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Jean H wrote:
> 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,
Mixing medicine and geography? That's interesting ... ;-)

Ciao,
Paolo

and transform them back to
> image coordinates of your second image...
>
> Jean