On Friday, September 6, 2002 at 1:19:58 PM UTC+5:30, nono wrote:
> On 19 Jun 2002 04:01:18 -0700, carsten@rad.uni-kiel.de (Carsten Liess)
> wrote:
>
> Did you succeeded? I'm busy with an image registration program that I
> write in IDL. If you want to, I can send it to you or post it.
>
>> Dear all,
>>
>> I am fairly new to IDL, so bear with me please.
>> I have two images of the same object, only with different intensities.
>> I want to create an image that displays the ratio of the two input
>> images. I programmed that and it works.
>> Problem is that the object I am imaging might have moved by up to 10
>> pixels (at a 256*256 matrix) in between, so I need to match the
>> position of these two images before I calculate their ratio. The
>> movement might include translation as well as rotation.
>> Is there a routine in IDL that does such an operation? Alternatively,
>> does any among you have any clever suggestion how to go about this?
>> Many thanks!
>>
>> Carsten

Hello all,

The technique described by Dr. Thompson is certainly useful. However, I a trying to de-rotate large chunks of images. In that case, rotation followed by cross-correlation is painfully slow. Can someone suggest any alternative method? Any input would be highly appreciated!
Thanks in advance,
Souvik Bose