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Subject: RADON: user-specified angular range possible?

Posted by [Chris\[1\]](#) on Thu, 03 Jun 2004 09:40:16 GMT

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To whoever may have used IDL's RADON function before:

I am using the (forward) Radon transform to detect the orientation angle of features in radiographs. Since I know the approximate value of the angle beforehand, I need the transform only in a very limited range of angles. Calculating the entire range  $[0, \pi]$ , as RADON does by default, is a mere waste of time.

Hence my question: Does the RADON function allow the user to specify any other angular range than  $[0, \pi]$ ? From the documentation and a futile attempt using the THETA keyword, I think it doesn't. But I sure would appreciate if someone could tell me that I'm wrong.

Thanks

Timm

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