
Subject: arbitrary xy cut through z data?

Posted by [wood](#) on Wed, 24 Aug 1994 20:37:48 GMT

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We're considering purchasing IDL for our department, but before we do, our solid state experimentalists want to know if IDL can do the following: Their scanning tunnelling microscopy images are often not aligned along the x-y axes. Can they take a cut through the data at an arbitrary angle, plot the results as a std 2d plot, and take the Fourier transform to get the lattice spacing? Is anyone using IDL for STM data, and if so, do you simply rotate until the image is aligned before doing the FTs?

Thanks very much for the help.

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Matt A. Wood

wood@kepler.pss.fit.edu

(407) 768-8000 (x7207)

<http://pss.fit.edu/wood.html>

Assistant Professor

Dept. of Physics and Space Sciences

Florida Institute of Technology

Melbourne, FL 32901-6988
