
Subject: Re: IDL / ENVI help with MNF masking
Posted by [menakkis](#) on Tue, 13 Oct 1998 07:00:00 GMT
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hyperspectral@mindspring.com (Daniel Puchalski) wrote:

> I am attempting to run an MNF transformation on an image that has been GPS
> corrected causing alot of 'black' areas surrounding the image to the point
> that the image is a narrow diagonal strip within the .img file. All of this
> 'black' (zero values) destroy the MNF image.

<...and that ENVI has no straightforward way of dealing with this>

This may sound obvious, but if you have the unrotated images available, it would be altogether much better (not just for MNFs) if you could do all of your spectral processing on the unrotated images and only geo-correct your final product(s). If you only have geocorrected images, then the first thing I'd try if I were you would be to get hold of the originals :-). Failing this, I'm not aware of any reasonable way to do an MNF transform on an image with signal stats over one ROI and estimated noise stats over another ROI - something I (also) think should be added to ENVI's MNF implementation. I suggest sending a feature request to RSI, although this won't help you in the short term, of course.

Peter Mason

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