
Subject: Re: spectral angle mapper algorithm
Posted by [cjengo](#) on Thu, 17 Jan 2002 12:28:31 GMT
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peter.kopacz@kodak.com (peter kopacz) wrote in message
news:<bc66032b.0201160604.c243de5@posting.google.com>...

> Hi
>
> I'm trying to access the ENVI-based spectral angle mapper function
> within IDL. I found the following function call definition:
>
> ENVI_IDENTIFY_SAM_SETUP wl ref spec_lib handles NUM_SPEC
>
> I assume wl represents the wavelength (range??), ref is the input
> image, and spec_lib is the .sli file. I'm not sure what handles and
> NUM_SPEC are, although the latter is optional (?).
>
> Any help would be much appreciated.
>
> Pete Kopacz

I thought it was a little odd that ENVI wouldn't programmatically support SAM. I just recoded the process as it's very straightforward, you can find the algorithm in the 'Selected Mapping Methods Using Hyperspectral Data' chapter of the ENVI tutorial.

Chris
