
Subject: Re: Principle Componets Analysis
Posted by [KRDean](#) on Fri, 24 Aug 2007 02:42:32 GMT
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I find the book Image Analysis, Classification and Change Detection in Remote Sensing, with Algorithms for ENIV/IDL by Morton Canty handy. He provides ENVI/IDL code to do the PCAs.

Kelly Dean
Fort Collins, Colorado

On Aug 23, 12:27 pm, David Fanning <da...@dfanning.com> wrote:

> Folks,
>
> Is it just me, or is this turning into an ENVI forum...
>
> I have three bands of a Landsat image. They come in
> three separate files (GEOTIFF). I have opened all three
> in ENVI. I wish to perform a principle components analysis
> of these three images, and capture the first principle
> component for further analysis.
>
> ENVI seems to want to have these three images in the
> same file or something. In any case, I can't work out
> how to get these three images into the PC apparatus.
> Perhaps if I could make a new ENVI image of these three
> bands? What if I wanted to do the analysis with four image
> bands?
>
> Any help appreciated.
>
> Thanks,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
