Subject: Re: Image Classification with IDL Posted by gsever on Thu, 13 Nov 2008 20:48:06 GMT

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I already guessed the answer to my questions should lie in some Image Processing books. Looking at some of the links on the Gonzalez's DIP book page I have found the tool titled CVIPTools (http://www.ee.siue.edu/CVIPtools/) might be worth to check.

I would appreciate if you provide those IDL routines, as well.

On Nov 13, 12:26 pm, Mort Canty <m.ca...@fz-juelich.de> wrote:

>

- > At the risk of telling you what you already know, looking at your
- > examples it seems it might be good to use Hu's invariant moments (see
- > e.g. Digital Image Processing, Gonzalez and Woods, 2002). They are
- > translation- rotation- and scale-invariant and should discriminate
- > spheres, needles, irregular shapes etc. Maybe use them to train a neural
- > network? I've played around with them a bit and can give you an IDL
- > function that calculates them.

>

> Cheers

>

> Mort