

Re: Application for 2D filters with filter length >40 in image processing

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- *From:* "ImageAnalyst" <imageanalyst@xxxxxxxxxxxxxx>
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Do you have a specific question or do you just need a general education? This is way too vague a question. It's kind of like going to sci.physics and asking them to list applications where Newton's laws of motion are used. As you might expect, there are thousands of applications of filters and we can't list even a fraction of applications where they are used. They're used for edge detectors, noise removal, creating artwork, etc., etc., etc. Generally larger filters process/find/filter/detect/eliminate larger features and smaller filters do so on smaller features. Perhaps you can use Photoshop or an image analysis program and try a bunch of filters to see what they do. Photoshop has dozens of them with all kinds of parameters (like size) and is pretty fast so you can get a good education and intuitive feeling for how a lot of filters work. Some are useful for image analysis, and others, like most in Photoshop, are just for making interesting-looking pictures or artwork.

Regards,
ImageAnalyst

On Mar 3, 12:24 pm, "fulltime" <PiaoCh...@xxxxxxxxxx> wrote:

Hi all,

Filters can be used in image processing for a variety of purposes. I would like to find out what are the applications of 2D filters with filter length >40x40 in image processing? How about a 2D filter with small filter length?

Thanks
FT