
Subject: Kernels et al

Posted by [pravesh.subramanian](#) on Wed, 31 Aug 2005 16:18:44 GMT

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Hello,

This is something from image processing. I know that a gaussian 2d kernel is:

$$G(x, y) = 1/(2 * \pi * \text{sqr}(\text{sd})) (\text{Exp}(-(\text{sqr}(x) + \text{sqr}(y))/(2 * \text{sqr}(\text{sd})))$$

where sd is std deviation

Is this right? How will the IDL Formulation look like? This is an example of gaussian blur, i guess.

Any idea how a hanning kernel looks like?

Thanks,
Pravesh
