
Subject: Re: gauss_smooth with integers
Posted by [Fabzi](#) on Tue, 01 Jul 2014 10:04:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

if you check the code from gauss_smooth you can see where the problem occurs. Gauss_smooth generates internally a normalized kernel and then fixes it to integer.

Based on this code you can do your own cuisine using convol:

```
a=intarr(800,800)
a[:,400]=1000 & a[400,:]=1000

; this call is necessary to compile "create_gaussian"
tvscf, gauss_smooth(a, 20)

; parameters are arbitrary, be careful
k = FIX(create_gaussian(20, 100, 2) * 100)
tvscf, convol(a, k, total(k))
```

Cheers,

Fabien
