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Subject: Re: Re: Clsuter analysis wiht IDL  
Posted by dw on Thu, 01 Mar 2001 10:57:07 GMT

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<html>  
Benno,<br>  
<br>  
Thanks for the input.<br>  
You suggested:<br>  
&nbsp;<br>  
use something like<br>  
ref\_img=REFORM(image,1,658\*658)<br>  
weights = clust\_wts(ref\_img, n\_clusters=3)<br>  
cls=cluster(ref\_img,weights,n\_cluster=3)<br>  
tvscl,reform(cls,658,658)<br>  
<br>  
but when computing the weights it goes bad <br>  
<font face="MS Sans Serif, Geneva" size=1>Program caused arithmetic  
error: Floating underflow<br>  
</font>and I get an array that is [1,3] and the values are<br>  
<font face="MS Sans Serif, Geneva" size=1>5.60519e-045<br>  
5.60519e-045<br>  
5.60519e-045<br>  
<br>  
</font>tried converting to float before calculating weights, but same  
result. Any suggestions anyone? realize per Craig's post that cluster  
analysis isn't what IDL has been used most for...<br>  
D<br>  
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