Subject: Gradient Function
Posted by jyoung on Mon, 20 May 1996 07:00:00 GMT

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I am new to IDL and I am looking for a function that might speed
up a procedure I am working on. I have a two dimensional array that has
some data points mostly low values, but in places it jumps rather quickly
to high values. I want to put zeros at the constant places and ones at
the quick changes.
 It was suggested to me that I should try some kind of gradient
function. I can probably create my own for IDL, but I wanted to know if
there was any kind of function that might help in my efforts. I think the
DERIV function might help, but maybe there is a more powerful function to
examine these changes within the array.
 Lastly what I have created causes a shift of the data by 1 element
in the new array...any suggestions on how to fix this?

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