
Subject: Avoiding a for cicle

Posted by [Ricardo Fonseca](#) on Thu, 06 Apr 2000 07:00:00 GMT

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Hi

I'm looking for a more efficient way of implementing the following (i.e. avoiding the for cycle) which is a routine for finding local maximuns

; Data is a 1D Array

s = Size(Data)

nx = s[1]

max_pos = [-1]

for i = 1, nx-1 do \$

 if ((Data[i] gt Data[i-1]) and (Data[i] gt Data[i+1])) then \$
 max_pos = [[max_pos],i]

; and then throw away the first element...

Any ideas? Thanks in advance, Ricardo
