Subject: Finding a Tangent line
Posted by AMandra@gmail.com on Fri, 18 Feb 2005 18:21:38 GMT

I'm very new to IDL, so I apologize if this is simple problem. I'm
doing research involving infrared images of Mars. A graph of pixel
saturation will be linear than go cubic to a zero slope as it
saturates. However, the test in the program we run doesn't seem to work
with some images that were given extra current. What I'd like to do is
test the slope of the tangent line until it goes towards zero for
saturation, however I'm not sure how to do this and I can't make heads
or tails of the help file on DERIV or anything else I think would be
helpful. The fit is being taken with polyfit. I appreciate any help,
and I'm sorry if that was extremely vague.