Subject: Re: Non-monotonic Abscissa values for IDL function SPLINE_P
Posted by Jeremy Bailin on Wed, 03 Jun 2009 16:00:26 GMT
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> nxr = n_elements(Xr)
> goodpoints = where(Xr ge max(total(identity(nxr),/cumul,2) * rebin
> (Xr,nxr,nxr), dimen=1))

Incidentally, if nxr is large, that code will run out of memory pretty
quickly and you're better off with an iterative solution like this:

```
goodpoints = lindgen(n_elements(Xr))
repeat begin
  nowinc = where(Xr[goodpoints[1:*]] gt Xr[goodpoints], ninc,
ncomp=ndec)
  if ninc gt 0 then goodpoints = [0,goodpoints[nowinc+1]]
endrep until ndec eq 0
```

-Jeremy.