
Subject: interpolating missing data

Posted by [ignore_this_adress](#) on Wed, 06 Jun 2001 07:38:06 GMT

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Hello,

I just came across a problem that should be relatively easy to solve. I read a time series of a slowly varying scalar. However, in my original data, some timepoints are missing. My read routine fills them up with zeroes (all normal values are well above 0). When the routine finishes I would like to automatically correct the data for the missing timepoints. When using interpolate with the MISSING value, I end up with the original dataset (syntax: `pip = INTERPOLATE(p1, INDGEN(8197), MISSING=0)`; where `p1` is a float array[8197] with incidental zero values).

Am I using wrong syntax, or should I try a different approach. I understand that I could do (linear) fitting around the missing data, however, that would require more or less arbitrary choices on what data to use, etc. I would greatly appreciate any suggestion for a more wholistic approach :-).

Mika
