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| Command | ADIFF4 |
| PURPOSE | Build 4-point differential of analyzer |
| PARAMETERS | |
| AIN | Source analyzer |
| /DEST(AOUT) | Destination analyzer |
| /ONTO(AOUT) | Alias for option /DEST |
| /OUT(AOUT) | Alias for option /DEST |
| FUNCTION | Build the spectrum of 4-point differences. The contents y_{out} of the destination analyzer AOUT are determined from the contents y_{in} of the input analyzer AIN by the following relation: $y_{out} = .0.125 (y_{in}(i+3) - 3 y_{in}(i+2) + 3 y_{in}(i+1) - y_{in}(i))$. |
| REMARKS | The command supports error bars. This result of the operation has 3 channels less than the input analyzer. |
| EXAMPLE | ADIFF4 AIN / DEST(AOUT) Determine the spectrum of 4-point differences of analyzer AIN and store the result in the analyzer AOUT. |