Description

Subroutine LININT uses linear interpolation and extrapolation on the curve defined by pairs of points in array pro.

Calling Sequence

call linint (iconv,num,pro,p,ro)

Argument List

Argument	Input/ Output	Type	Dimension	Description
iconv	Input	I*4	1	Conversion direction: 0 = precipitation to runoff 1 = runoff to precipitation
num	Input	I*4	1	Number of values in array pro
pro	Input	R*4	num	Array defining the curve in pairs of alternating precipitation and runoff values
p	Both	R*4	1	Precipitation: input when iconv = 0 output when iconv = 1
ro	Both	R*4	1	Runoff: output when iconv = 0 input when iconv = 1