VII E-PROPATH: Libraries for MS-Excel

E-PROPATH is a collection of Library FILEs and Import FILEs for MS-Excel. Using this PROPATH facility, one may use PROPATH SUBPROGRAMs described in PartII through VI while working in MS-Excel. However, reference to PROPATH SUBPROGRAM is limited to PROPATH FUNCTION SUBPROGRAMs in PartII (P-PROPATH) and III (A-PROPATH) at this moment.

1. System on Units

The units tabulated in table VII–1 can be used in E–PROPATH.

Table VII–1 $\,$ Units used in E–PROPATH

temperature	[°C]
pressure	[bar]
specific volume	$[\mathrm{m}^3/\mathrm{kg}]$
specific enthalpy	[J/kg]
specific entropy	$[\mathrm{J/(kg\cdot K)}]$
amount of substance	[kg]
composition	[kg/kg]

Functions Available 591

2. Functions Available

 ${\bf All~FUNCTIONs}$ in P–PROPATH and A–PROPATH, except IDENTF FUNCTION.

3. Operation to Manage Erroneous FUNCTION REFERENCE

The same is done as in SUBPROGRAMs in P–PROPATH and A–PROPATH, though no error messge appears.