

NAME

kTe - thermal voltage

LIBRARY

Electrochemistry library - (**-libecx**, **-lecx**)

SYNOPSIS

```
pure elemental function kTe(T)result(r)
```

DESCRIPTION

Compute the thermal voltage: $kTe[V] = kB[eV] * (T[degC] + 273.15)$

Parameters:

o T Temperature in degC

RETURN VALUE

real(dp) :: r

Thermal voltage in Volts.

EXAMPLE

Calling:

```
value = kTe(T)
```

SEE ALSO

ecx(3)