

**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)