ERRATUM

The International Temperature Scale of 1990 (ITS-90)

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Erratum

The International Temperature Scale of 1990 (ITS-90)

H. Preston-Thomas

There are several errors in the article on the ITS-90. Three of these relate to table entries or headings and may be of importance in the application of the scale:

p. 5 Table 2: the correct heading for the third column reads $10^{-8}\,\text{KPa}^{-1}$ and not $10^{8}\,\text{KPa}^{-1}$.

p. 6 Table 4: the coefficient B_0 is 0.183 324 722 and not $-0.183\,324\,722$.

p. 9 Table 6: the entries for 1300, 1400 and 1500 °C should read -0.35, -0.39 and -0.44 respectively.

Other corrections to note are:

p. 6 Ninth line from the bottom of first column should read:
"... ranges, probable accuracies"

p. 6 (in some copies only) the word "to" is missing in the line:
"(i) – For the range 13.8033 K to 273.16 K ..."

p. 7 Five lines after Eq. (12) should read:
"from Eq. (9 a) ..." and not " from Eq. (9 b) ..."

p. 8 The line before 3.3.2.1 should read:
"Eq. (10 a) or ..." and not "Eq. (10 b) or ..."

p. 8 Two lines before 3.4 should read:
"Eqs. (9 a) and (10 a) ..." and not "Eqs. (9 b) and (10 b) ..."

p. 8 Four lines after Eq. (15) should read:
"$L_\lambda[T_{90}(X)]\,...$" and not "$L_\lambda(T_{90})(X)]\,...$".

p. 4 The version of Fig. 1 shown here corresponds more closely to the values of Table 6 than that shown before.
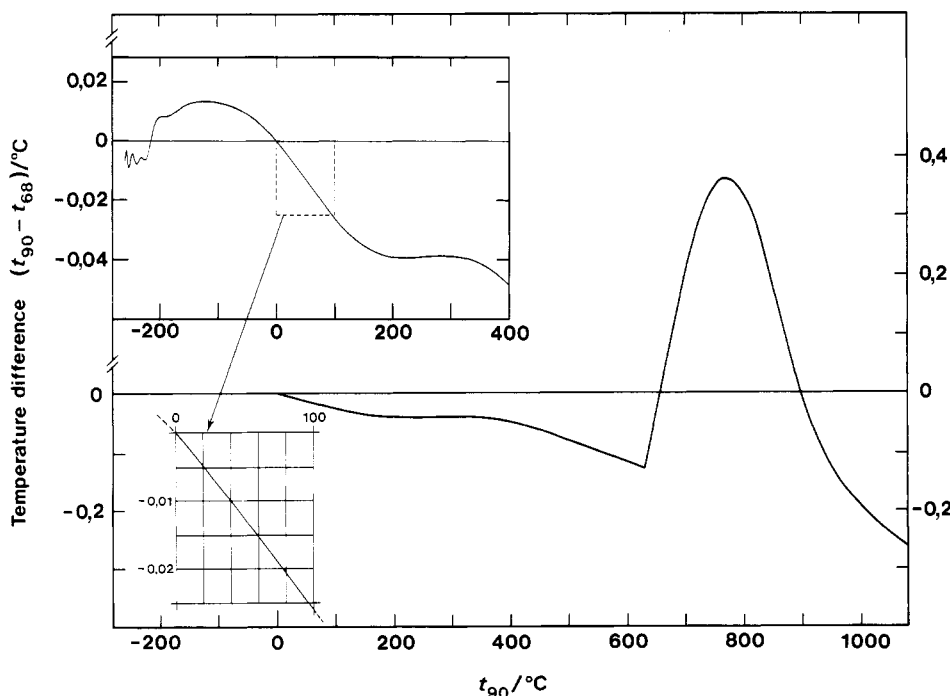

Fig. 1. The differences $(t_{90}-t_{68})$ as a function of Celsius temperature