

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

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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} KPa^{-1} and not 10^8 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. (9a) ...” and not “from Eq. (9b) ...”
- p. 8 The line before 3.3.2.1 should read:
“Eq. (10a) or ...” and not “Eq. (10b) or ...”
- p. 8 Two lines before 3.4 should read:
“Eqs. (9a) and (10a) ...” and not “Eqs. (9b) and (10b) ...”
- p. 8 Four lines after Eq. (15) should read:
“ $L_\lambda [T_{90}(X)] \dots$ ” and not “ $L_\lambda (T_{90})(X) \dots$ ”.

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

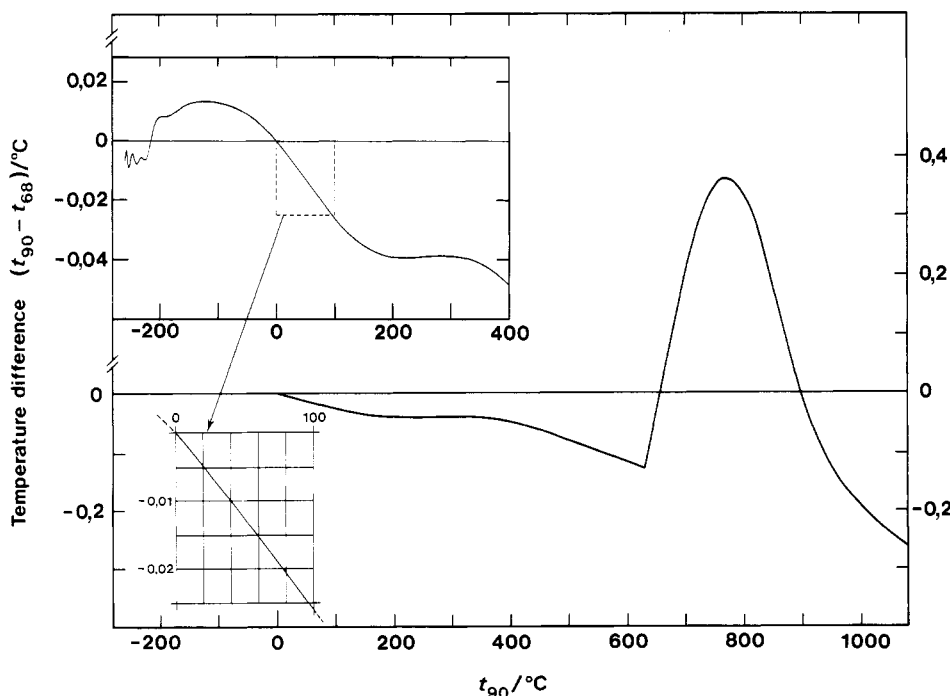


Fig. 1. The differences $(t_{90} - t_{68})$ as a function of Celsius temperature