

## Relation between the programmed and isothermal retention indices in chromatography

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### ABSTRACT

A systematic approach was utilized to deduce the relation between the programmed and isothermal retention indices in chromatography. The relation was given in the form of a chart from which the equivalent isothermal temperature  $T_e$  is plotted vs  $\Delta T'$  with  $I_p$  as the parameter.  $\Delta T'$  is a function of both the inlet and outlet temperatures during the temperature programmed run and  $T_e$  is the temperature at which the isothermal index is equal to the programmed index  $I_p$ .