

W4-10-4 Inclines in diagrams 4

The quantities on the axes of a thermodynamic diagram are taken from the collection P , T , v , s , u , h , a and g .

What partial derivative provides the incline of the isobar in a $g - T$ diagram?

The slope of an isobar (constant pressure P) in a $g - T$ diagram is given by $\left(\frac{\partial g}{\partial T}\right)_P$.