

W4-10-3 Inclines in diagrams 3

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 isochor in an $h - s$ diagram?

The slope of an isochore (constant volume v) in an $h - s$ diagram is given by $\left(\frac{\partial h}{\partial s}\right)_v$.