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Fundamentals Of Classical Thermodynamics SI Version, 2nd Edition, John Wiley And
Sons, New York, ISBN 0-471-04188-2. Jan 1th, 2024

Chapter 1 Classical Thermodynamics: The First Law

TD Variables (parameters): Measurable Macroscopic Quantities Associ-ated With
The System And Are Defined Experimentally, E.g., P, V, T, H_a Etc., Where H_a Is An
Applied field. These Quantities Are Either Inten-sive Or Extensi Mar 19th, 2024

Classical Thermodynamics Of Particles In Harmonic Traps

The Familiar Ideal Gas Can Be Specified By Two Of The Three Variables $P, V,$ And $T.$
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Of The Trapped Gas. Jan 15th, 2024

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Components. At The Molecular Scale, The Principle Of Additivity Holds For A Number Of Properties, I.e. The Property Of The Overall Molecule Is Estimated By Simply Adding Up The Contribution From Individual Functional Groups Or Atoms. An Example Is The Total Dipole Moment Of A Molecule, Found From The Vectorial Sum Of The Dipole Moments Of The Polar Apr 20th, 2024

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