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The molecules of a particular substance are all identical and are small compared with the distances that separate them. 111 The Greek word 'atomos' (atom) means 'indivisible'. 1 Electrons, photons and atoms 1.1 3. The temperature of a gas is proportional to the average kinetic energy of the molecules.

Physics of Atoms and Molecules | B.H. Bransden, C.J ...

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Atoms and Molecules Notes Chapter 3 Class 9 Science

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Physics Of Atoms And Molecules BRANSEDN AND JOACHAIN ...

Atomic physics is the subfield of AMO that studies atoms as an isolated system of electrons and an atomic nucleus, while molecular physics is the study of the physical properties of molecules. The term atomic physics is often associated with nuclear power and nuclear bombs, due to the synonymous use of atomic and nuclear in standard English.

Atomic, molecular, and optical physics - Wikipedia

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