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Physics Of Atoms And Molecules

The study of atomic and molecular physics is a key component of undergraduate courses in physics, because of its fundamental importance to the understanding of many aspects of modern physics.

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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.

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note covers the following topics: Planck's
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Atomic, molecular, and optical physics - Wikipedia

Molecules are made up of groups of

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atoms. Describing the structure of an atom, an atom is also sub-divided into smaller units. Protons, electrons, and neutrons are sub-particles of an atom. The protons and neutrons are contained inside the nucleus of the atom and electrons revolve around the nucleus.

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A molecule is a group of two or more atoms chemically bonded together. The atoms with in the molecules are held of

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force of attraction. It is smallest particle of an element or a compound that is capable of an free state and that has all the properties of that substance.

Atoms and Molecules Notes Chapter 3 Class 9 Science

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Physics of Atoms and Molecules: Bransden, B.H., Joachain ...

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