

# Download Atomic Excitation And Recombination In External Fields

A Rydberg atom is an excited atom with one or more electrons that have a very high principal quantum number. These atoms have a number of peculiar properties including an exaggerated response to electric and magnetic fields, long decay periods and electron wavefunctions that approximate, under some conditions, classical orbits of electrons ...Utilization of fluorinated polymer donor and non-fullerene acceptor enhances the dielectric constant in the blend film. • The improved dielectric properties boost charge separation and reduce bimolecular charge recombination. Ionization or ionisation, is the process by which an atom or a molecule acquires a negative or positive charge by gaining or losing electrons, often in conjunction with other chemical changes. The resulting electrically charged atom or molecule is called an ion. where  $t_{tr}$  is the transit time of the carriers through the sample and  $\beta$  – is the so-called dispersion parameter. The values of  $\beta$  usually vary for different materials between zero (the extreme ...), Atomic Excitation And Recombination In External Fields.

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