

**Title of Article:** On the Effect Of Electron-Hole Recombination In Disordered GaAs- $A_{1-x}Al_x$  Multi-quantum Well Structure

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**Abstract:** The disordered electron-hole recombination in multi-quantum well was investigated using analytical method based on the rate equations. The results show extreme broad distribution of the recombination time which depends exponentially on the distances between the recombining excitons. The energies at each localised state shows an energy splitting between the electronic ground state and the first excited state of  $0.0038\text{eV}$ .