



91 WYX!ghUH'fY'UI UH'cb'jb'DVGY'ei Ubh a 'Xchg

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Exploring size and state dynamics in CdSe quantum dots using two-dimensional electronic spectroscopy

*J. Chem. Phys.* **140**, 084701 (2014); 10.1063/1.4865832

Carrier relaxation dynamics in InAs/InP quantum dots

*Appl. Phys. Lett.* **93**, 191103 (2008); 10.1063/1.2909536

Spin-preserving ultrafast carrier capture and relaxation in InGaAs quantum dots

*Appl. Phys. Lett.* **87**, 153113 (2005); 10.1063/1.2103399

Spectroscopy and carrier dynamics in CdSe self-assembled quantum dots embedded in Zn<sub>x</sub>Cd<sub>y</sub>Mg<sub>1-x-y</sub>Se

*Appl. Phys. Lett.* **87**, 253113 (2005); 10.1063/1.1947909

Excited-state dynamics and carrier capture in InGaAs/GaAs quantum dots

*Appl. Phys. Lett.* **78**, 3320 (2001); 10.1063/1.1418035

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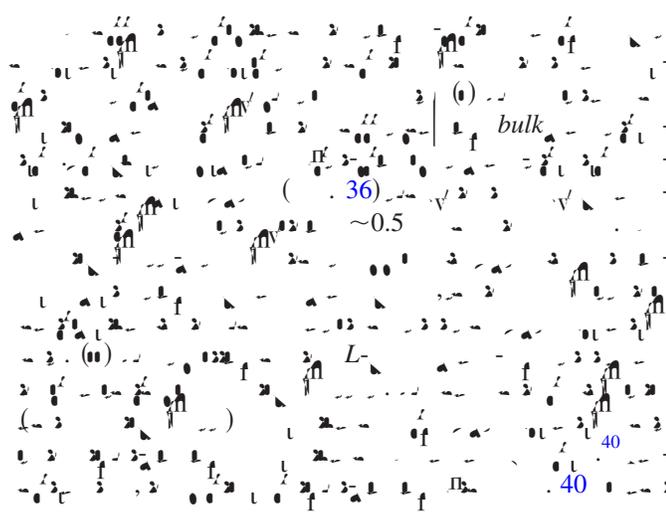
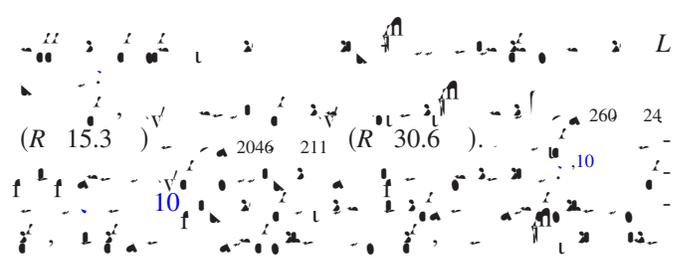






$\mathbf{R}$ ,

$$V(\mathbf{r}) = \sum_{\alpha} \sum_{\mathbf{R}} v_{\alpha}(|\mathbf{r} - \mathbf{R} - \mathbf{d}_{\alpha}|). \quad (4)$$



$$\begin{aligned}
 & \left( \geq 130 \text{ K} \right) \quad e_p \quad e_s \quad \sim \hbar \omega_p
 \end{aligned}$$

τ<sub>A</sub> E

SUMMARY

P → S 3.12.2  
20 35  
10  
P → S  
P → S

