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## Magnetic Circular Dichroism in 2D Colloidal Semiconductor Nanocrystals\*

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Magnetic circular dichroism (MCD) spectra were measured for colloidal CdSe/CdS core-wing nanoplatelets (NPLs). MCD spectra of CdSe cores demonstrate well resolved features which could be attributed to excitonic transitions from heavy hole, light hole and split-off sublevels. A1/D0, B0/D0 MCD characteristic terms were determined. The values of A1/D0, B0/D0 terms have no dependence on NPL thickness and are very close to the corresponding values in organic molecules.

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