

Abstract Submitted  
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**Two-Dimensional Electrostatic Lattices for Excitons** MIKAS REMEIKA, LEONID BUTOV, University of California, San Diego — We report on a method for the realization of two-dimensional electrostatic lattices for excitons in quantum well structures. The lattice structure is set by an electrode pattern and the amplitude of the lattice potential is controlled by applied voltages. We demonstrate square, hexagonal, and honeycomb lattices created by this method.

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