

Abstract Submitted
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Band Structure of Delta-Doped STO GURU KHALSA, RAFI BISTRITZER, ALLAN MACDONALD — Recently there has been much progress towards controlling two-dimensional electron systems in complex oxides, in particular SrTiO₃. There are, at present, no tools for quantitative modeling of these systems. Because of the low filling in these materials, the k.p method allows for many simplifications. In this talk, I will discuss our recent progress towards quantitative modeling of delta-doped SrTiO₃ quantum wells.

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