

Abstract Submitted  
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**Bound States in the Noncommutative Plane** SUBIR GHOSH, Indian Statistical Institute — We demonstrate that the (non-relativistic) electrostatic potential felt by fermions or bosons - minimally coupled to a Maxwell-Chern-Simons theory in the noncommutative plane, can generate bound states between like charges. The result is reminiscent of models in commutative spacetime with non-minimal Pauli magnetic coupling. Results up to one loop and all orders in  $\theta$ - the noncommutative parameter, are under study.

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