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**Effects of Lattice Anisotropy on Bipolaron Symmetry** JUN ZHOU,  
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Boston University — We study the pairing symmetry of large bipolarons as a function of lattice anisotropy and the binding energy of a small polaron, using variational wavefunctions. We find that an  $s$ -wave state is stable over a wide range of parameters. However below a threshold binding energy, we find evidence for a singlet to triplet pairing transition. We find that  $p$ -wave states are stable for sufficient anisotropy, with lobes oriented perpendicular to the easy hopping direction.

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