

**Aleksandrov-Bakelman-Pucci maximum principle
for a class of uniformly elliptic and parabolic
Hamilton-Jacobi-Bellman integro-PDE
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We will discuss two versions of Aleksandrov-Bakelman-Pucci maximum principles for integro-PDE of Hamilton-Jacobi-Bellman-Isaacs type whose PDE parts are either uniformly elliptic or uniformly parabolic. The proofs of these results are based on the classical ABP maximum principles for the elliptic and parabolic PDE and an argument using an iteration procedure involving solutions of Pucci extremal equations. This is a joint work with Chenchen Mou.