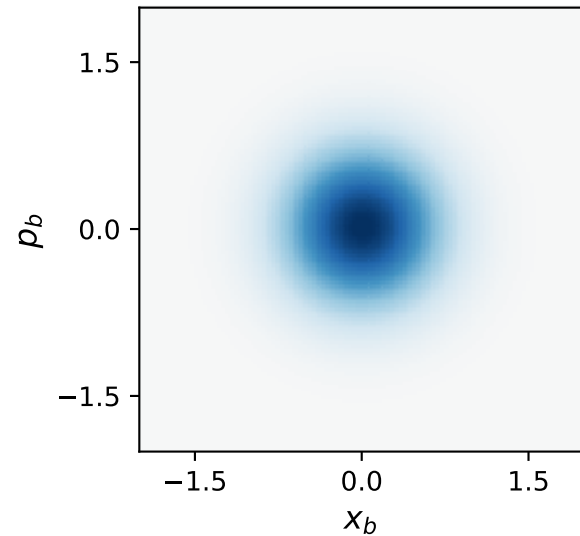
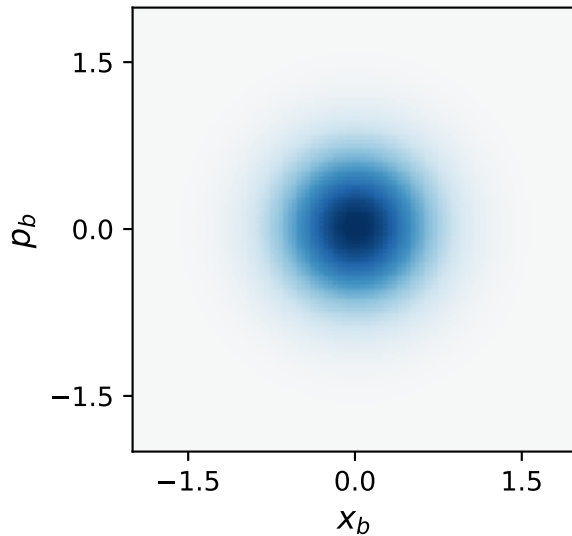


Unconditional



$|\varphi_f\rangle_a = |0\rangle_a$



$|\varphi_f\rangle_a = \frac{1}{\sqrt{2}}(\sqrt{1-\varepsilon}|0\rangle_a + \sqrt{1+\varepsilon}|1\rangle_a)$

