B= PHA(X)

9 = N(9+1, 12) , 2b = N(b+1, 12)

since these are symmetric we employ the vanilla

 $P(a|-) \propto e^{-ha} \int_{t=1}^{t} (a+b+)^{X+} P(b|-) \propto e^{-h\mp b} P(b|-) \propto e^{-$ 

Metropolis algorithm at each sampling step.