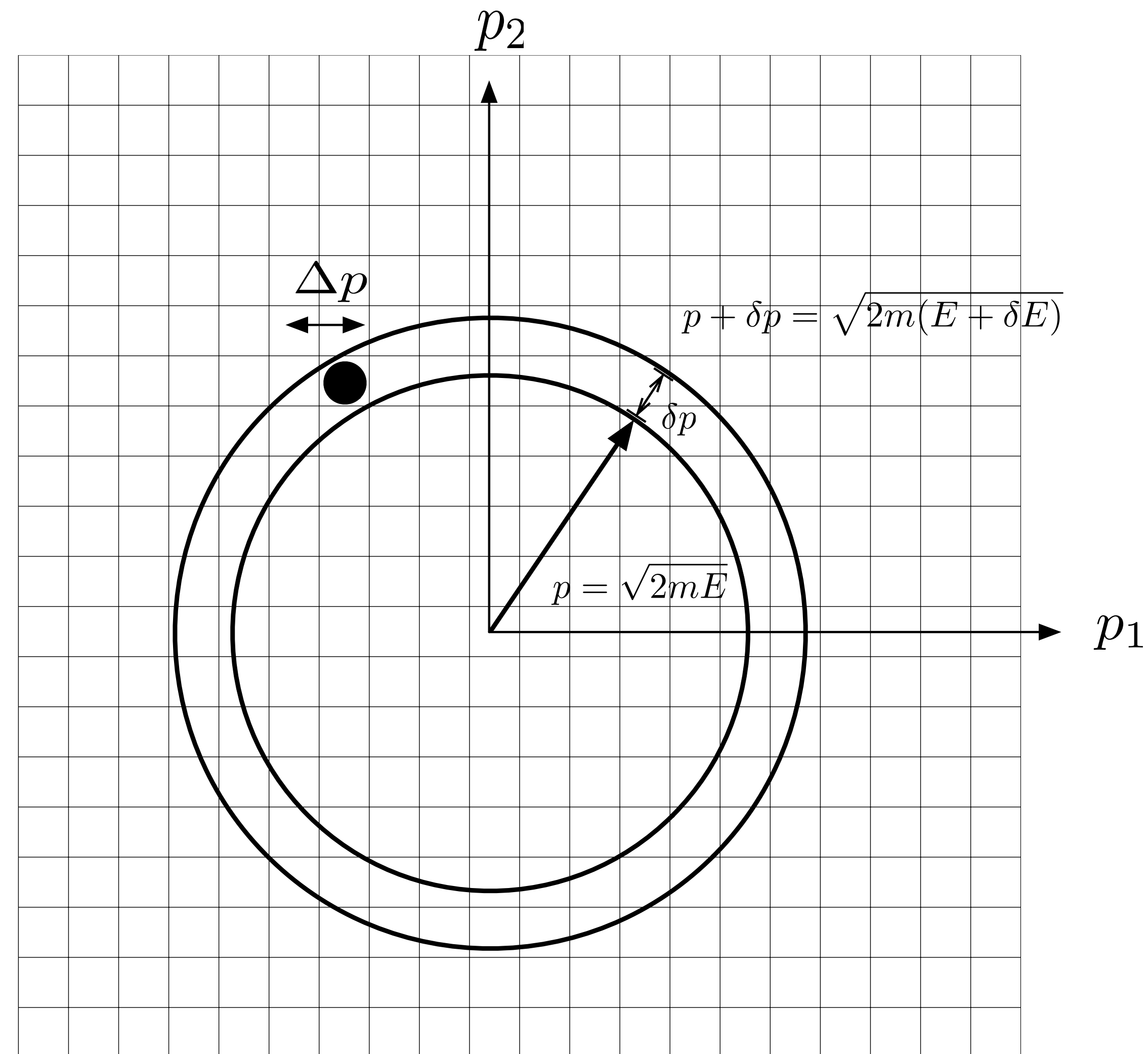
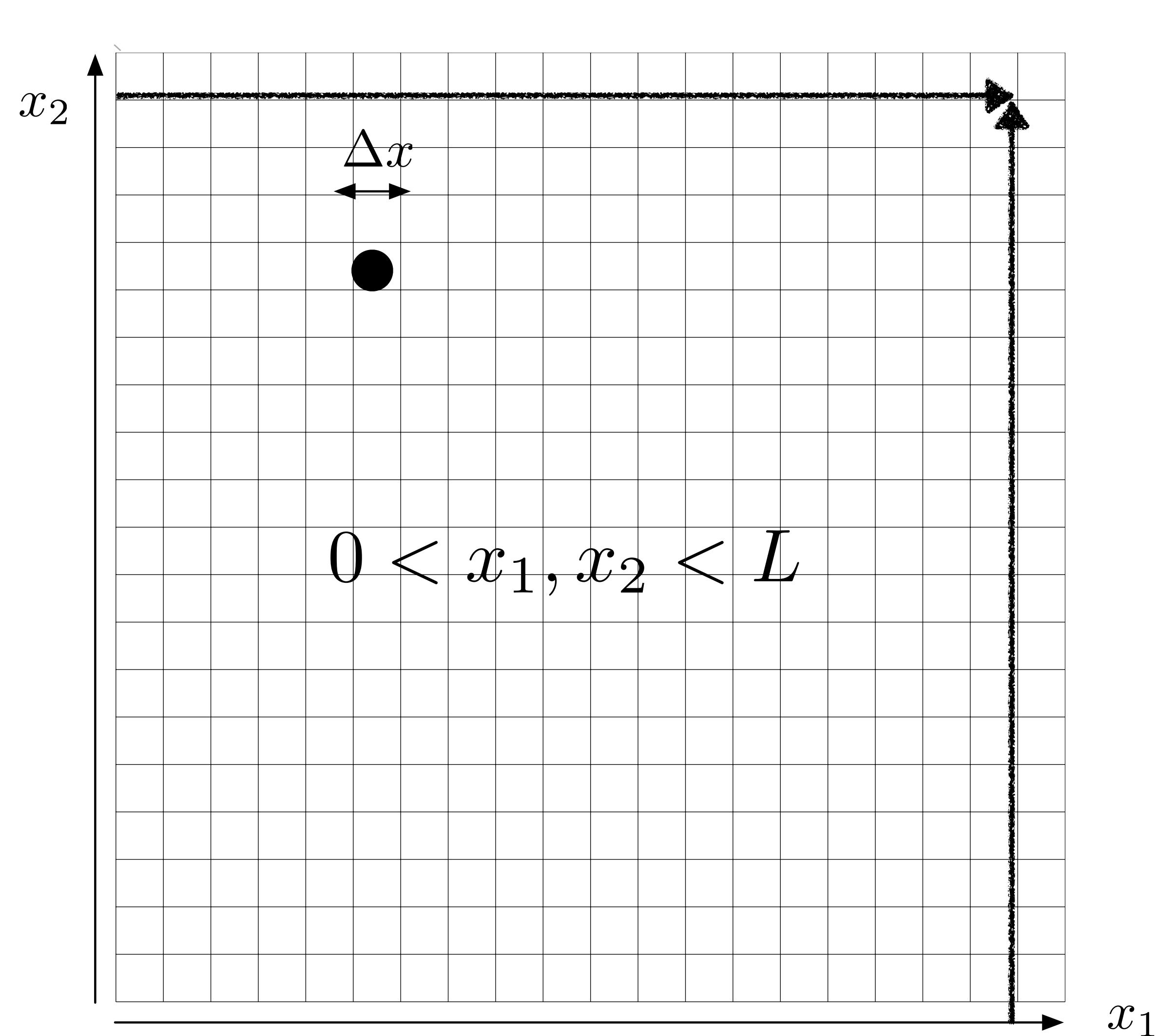
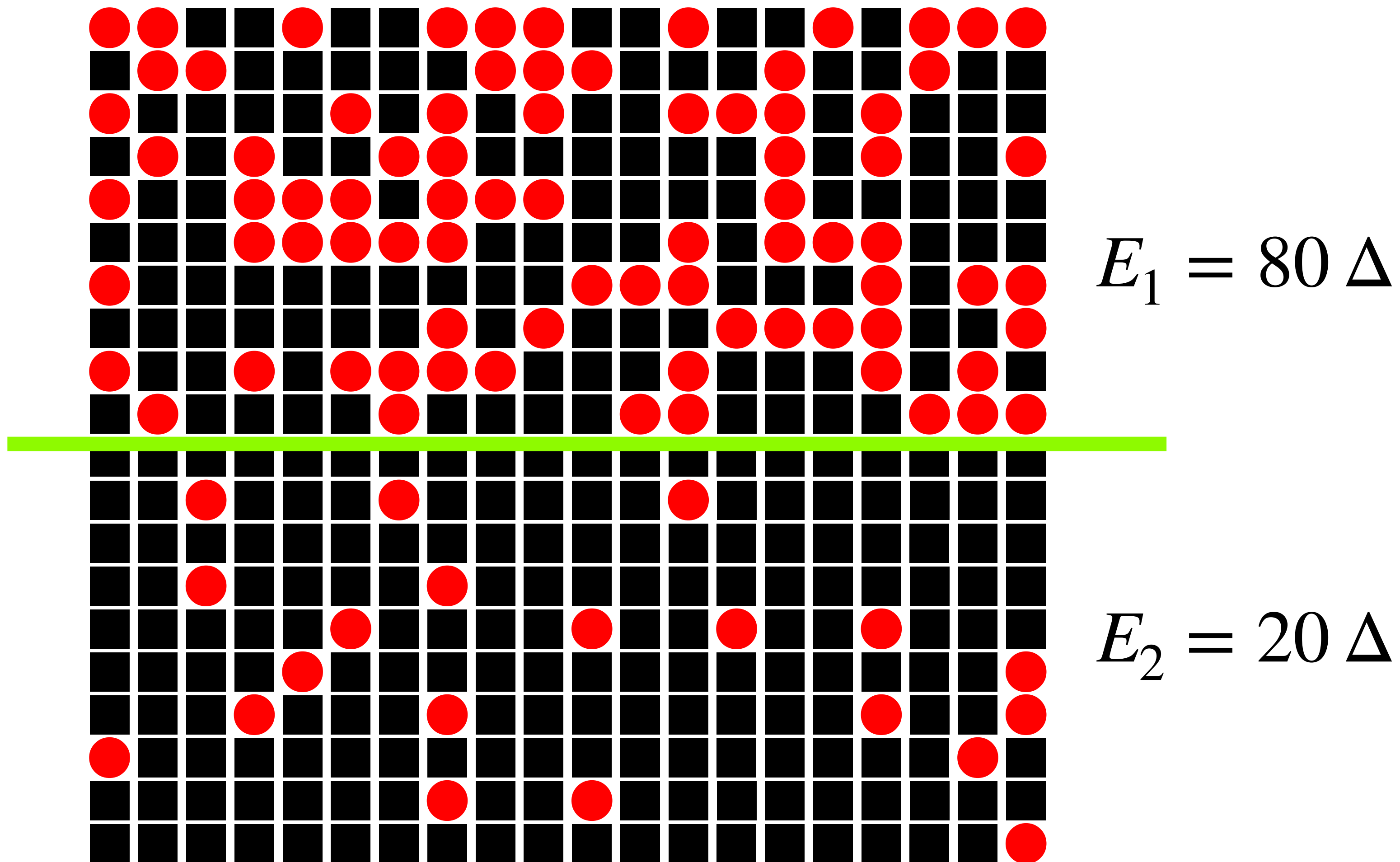


Number of configurations of two particles in one dimension



Two thermalized states, separated by a partition



The macro state is
 $(E_1, E_2) = (80, 20)$

When the partition is removed the system hops exploring configurations with different partitions of energy.