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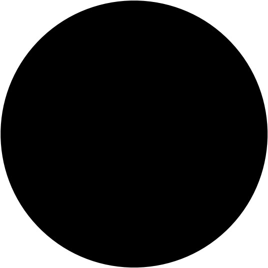
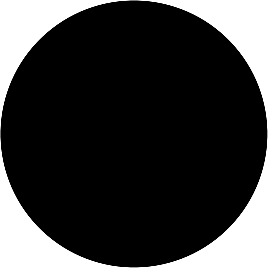
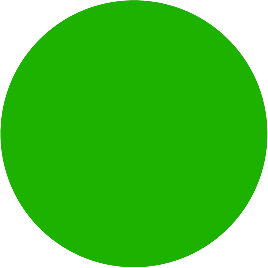
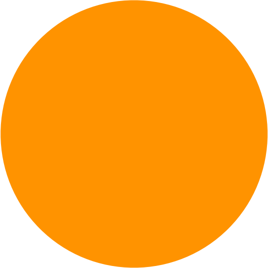








$$E_0$$

$$E_1$$

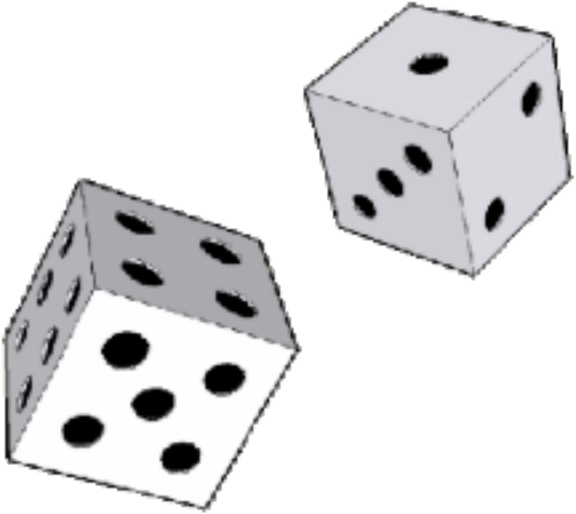
E_2

$$E_3$$

$$E_4$$

E_5

* * *

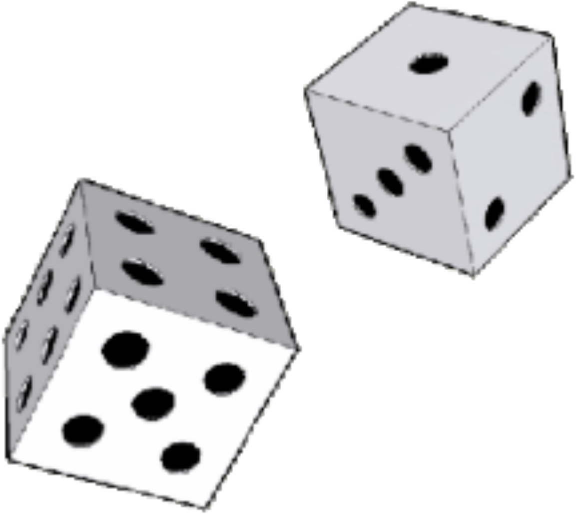


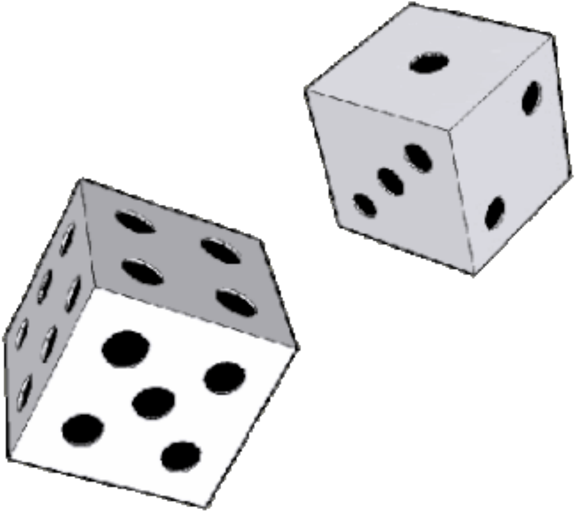
1st particle has energy E_0

It cannot lower its energy further

The move is **FORBIDDEN**

So we **continue**





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1st particle has energy E_0

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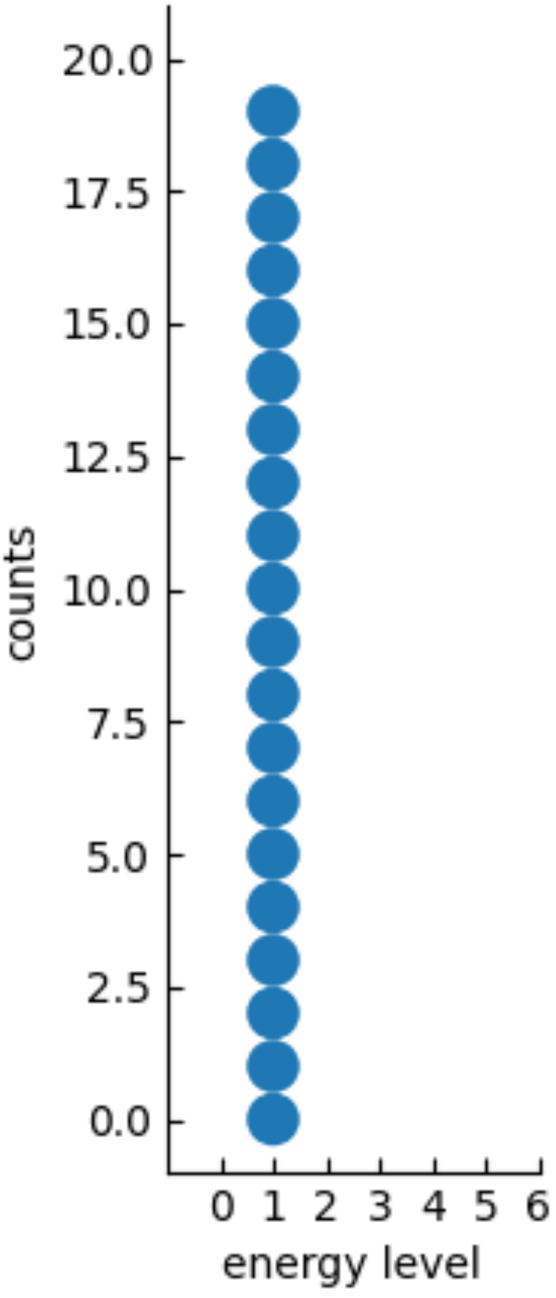
counts
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
0
1
2
3
4
5
6
energy level

animation

20 particles

The initial configuration is **rare**

compared to the many available

configurations

The **distribution** of energy

gradually **evolves**, to have more

particles at lower energy and less

particles at higher energy

The constraint is that the total

energy is **constant**.