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Figure 1: Initial state of the system

The system starts in a state where the number of particles is N and the energy is E . The particles are distributed among different energy levels, and the system is assumed to be in thermal equilibrium. The energy levels are represented by a discrete set of values, and the particles are distributed according to a statistical distribution.

Figure 2: Energy spectrum of the system. The energy levels are shown as a discrete set of values, and the particles are distributed among these levels. The energy levels are represented by a discrete set of values, and the particles are distributed according to a statistical distribution.

Figure 3: Time evolution of the system. The system evolves over time, and the particles move between different energy levels. The time evolution is described by a set of equations, and the system is assumed to be in thermal equilibrium.

Figure 4: Final state of the system

Figure 5: Energy spectrum of the system. The energy levels are shown as a discrete set of values, and the particles are distributed among these levels. The energy levels are represented by a discrete set of values, and the particles are distributed according to a statistical distribution.

The system evolves over time, and the particles move between different energy levels. The time evolution is described by a set of equations, and the system is assumed to be in thermal equilibrium. The energy levels are represented by a discrete set of values, and the particles are distributed according to a statistical distribution.

Figure 6: Final state of the system

