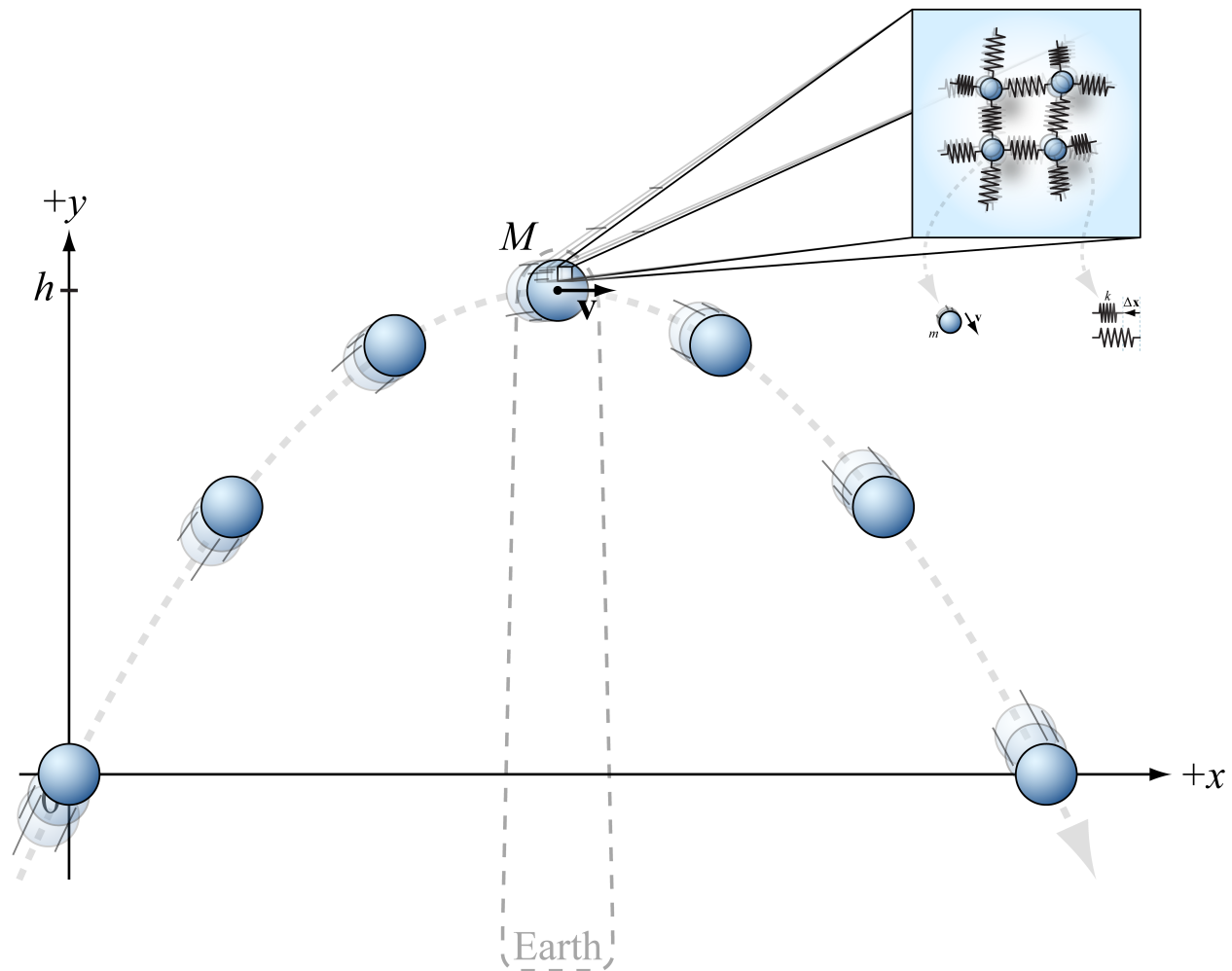
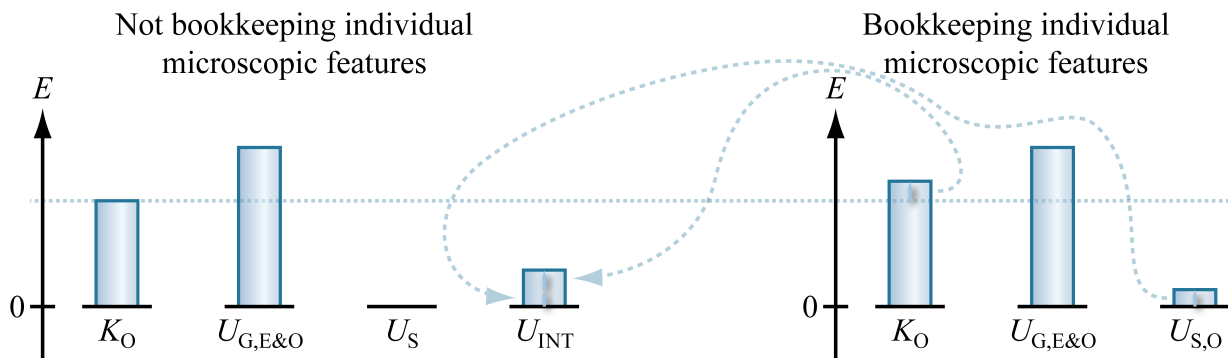


Internal energy

The state of a system can be represented at various levels of detail.



So, the bookkeeping of energy in a system can be done at various levels of detail.



The **internal energy** of a system is a trash can category that collects corrections to system energies that would be possible, in principle, to compute, were the individual positions and velocities of the microscopic parts of material objects in the system measured.