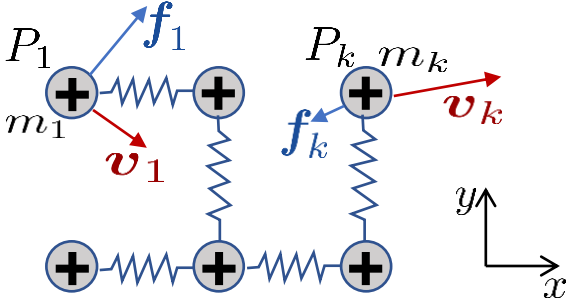
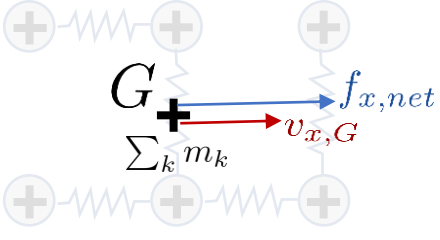
Microscopic system
"low-level"

Macroscopic system
"high-level"

Interventions: $(\boldsymbol{f}_1, \ldots, \boldsymbol{f}_N)$ $\xrightarrow{\omega}$ $f_{x,net} = \sum f_{x,k}$





System variables: $(\boldsymbol{v}_1, \ldots \boldsymbol{v}_N)$ $\xrightarrow{\tau}$ $v_{x,G} = \sum_k \frac{m_k}{\sum_l m_l} v_{x,k}$