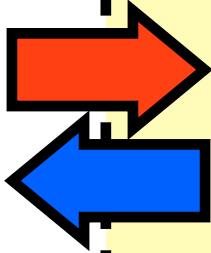


Environment

System
boundary
(fixed, flexible)

Exchange
fluxes

$$\sum_i J_{x,i}$$



System

State variables

x

none: isolated
energy: closed
others: open

Conservation laws
(energy, mass, momentum)