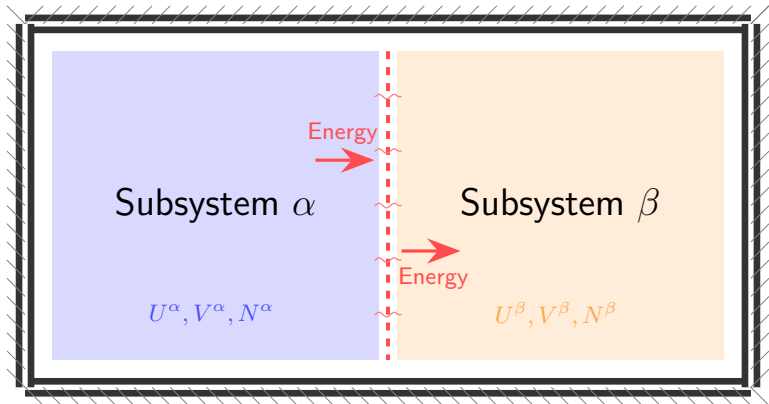


Composite system: $V^\alpha, V^\beta, N^\alpha, N^\beta$ fixed



Diathermal wall
(allows energy exchange)