



The diagram shows a large rectangular container with a diagonal-hatched border. Inside, a horizontal line divides the space. The top half is labeled as a heat bath, and the bottom half contains two smaller rectangular boxes. An arrow points from the text 'diathermal wall' to the horizontal line.

The heat bath is
significantly large

$$U^B, V^B, N^B$$
$$(T^B = T_0)$$

diathermal wall

$$U^\alpha, V^\alpha, N^\alpha$$

$$U^\beta, V^\beta, N^\beta$$