



A diagram showing two adjacent regions,  $\Omega_1$  and  $\Omega_2$ , separated by a vertical boundary.  $\Omega_1$  is a rectangle on the left, outlined in blue.  $\Omega_2$  is on the right, outlined in red, and its top boundary is a concave-down curve. The two regions share a common vertical boundary segment.

$\Omega_1$

$\Omega_2$