



A diagram showing an irregular, blob-like shape representing a domain. The shape is outlined with a thin black line. Inside the shape, the word "Domain" is written in a large, bold, black font. Below it, the equation $\Delta u = 0$ is written in a smaller black font. To the right of the shape, the word "boundary" is written in a black font, with a thin black line pointing from it to the right edge of the domain. Below "boundary", the text "u(x,y) = non-zero somewhere" is written in a black font.

Domain

$$\Delta u = 0$$

boundary

$u(x,y) = \text{non-zero somewhere}$