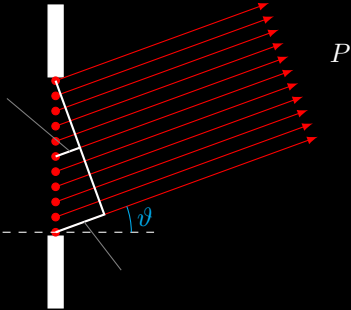


$b$



The diagram illustrates a fluid flow problem. A vertical channel is defined by two thick black bars. A white line segment, representing a plate, is tilted at an angle  $\vartheta$  relative to a horizontal dashed line. The vertical distance between the top and bottom of the channel is labeled  $b$ . A series of red dots are positioned along the left side of the tilted plate. From each dot, a red arrow points to the right, representing the velocity field. The arrows are more densely packed near the top of the plate and spread out towards the bottom, indicating a velocity profile. The label  $P$  is located to the right of the flow field.

$P$

$\vartheta$