



The diagram illustrates a fluid flow over a curved surface. A horizontal line represents the free surface of the fluid, which is slightly curved. Below this line, a curved surface is shown, representing the bottom of the channel. The fluid is represented by a light blue shaded area. The height of the fluid at the left end is labeled h_1 , and the height at the right end is labeled h_2 . The difference in height between the two points is labeled $H = h_2 - h_1$. The fluid is shown flowing from left to right, as indicated by the curved surface and the height difference.

$$H = h_2 - h_1$$

h_1

h_2