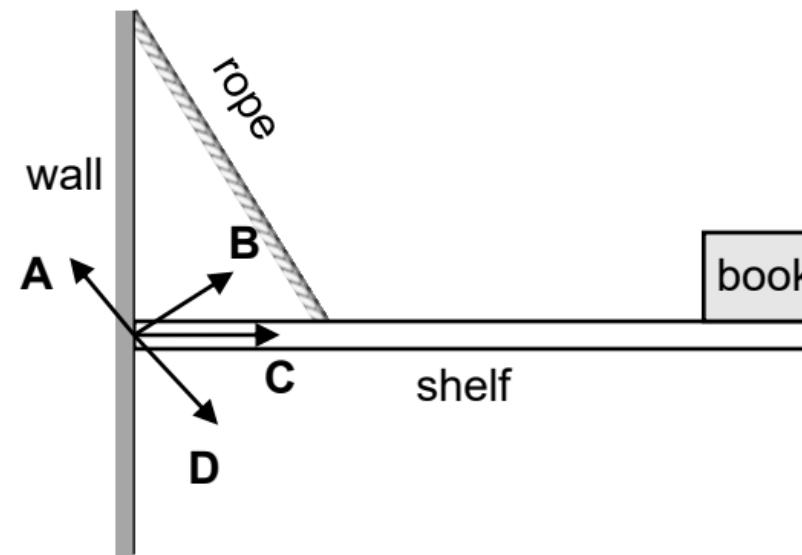


- 6 The figure below shows a light shelf attached to the wall by a rope. A heavy book is on the shelf at the position shown. What is the direction of the force of the wall on the shelf?



- 7 The potential energy of a body when it is at point P a distance x from a reference point Q is given