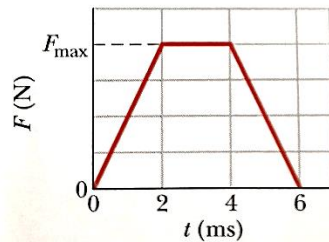


- 9 The graph below shows an approximate plot of force magnitude F versus time t during the collision of a 58 g tennis ball with a wall. The initial velocity of the ball is 34 m s^{-1} perpendicular to the wall. It rebounds directly back with approximately the same speed, also perpendicular to the wall. What is F_{\max} , the maximum magnitude of the force on the ball from the wall during the collision?



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