

The top graph shows the distance s (in meters) on the vertical axis versus time t (in seconds) on the horizontal axis. The vertical axis ranges from 0 to 50 meters in increments of 5. The horizontal axis ranges from 0 to 10 seconds in increments of 2. A series of curves are plotted, representing the distance traveled by a car starting from rest and accelerating at different rates. The area between the curves is shaded, indicating the range of possible distances. The curves start at the origin (0,0) and increase as time increases.

The bottom graph shows the time t (in seconds) on the vertical axis versus distance s (in meters) on the horizontal axis. The vertical axis ranges from 0 to 10 seconds in increments of 2. The horizontal axis ranges from 0 to 50 meters in increments of 10. A series of curves are plotted, representing the time taken for a car starting from rest and accelerating at different rates to travel a certain distance. The area between the curves is shaded, indicating the range of possible times. The curves start at the origin (0,0) and increase as distance increases.

