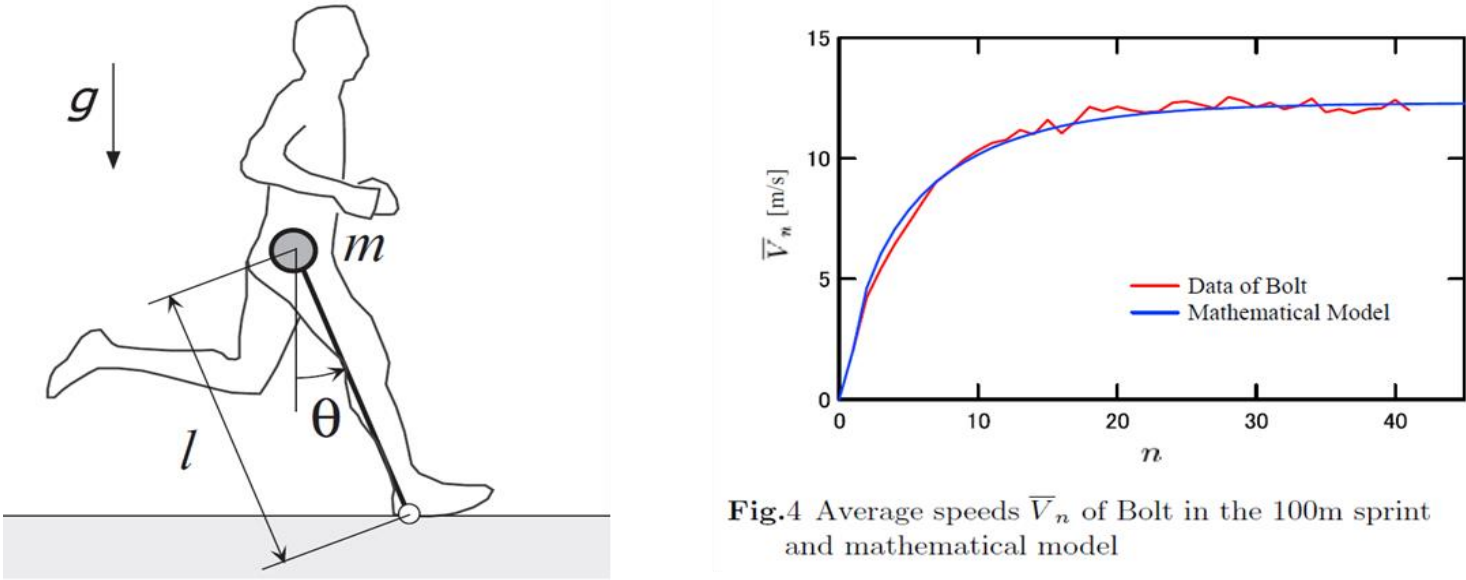


学会名	
演題名	
発表者	_____
内容	
関連画像	 <p>The figure consists of two parts. On the left is a schematic diagram of a runner's leg in a running stride. The leg is represented as a rigid rod of length l and mass m, pivoted at the hip. The angle between the leg and the vertical is θ. Gravity g is shown acting downwards. On the right is a line graph showing the average speed \bar{V}_n in m/s on the y-axis (ranging from 0 to 15) against time n on the x-axis (ranging from 0 to 40). Two curves are plotted: a red line for 'Data of Bolt' and a blue line for 'Mathematical Model'. Both curves show an initial rapid increase in speed, reaching a plateau of approximately 12 m/s after about 15 time units.</p> <p>Fig.4 Average speeds \bar{V}_n of Bolt in the 100m sprint and mathematical model</p>