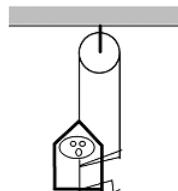


I-91

A 60 kg student lifts herself from rest to a speed of 1.5 m/s in 2.1 s. The chair has a mass of 35 kg.



Motion Diagram

Free-Body Diagrams



Object:

Event 1:

$t_1 =$

$r_1 =$

$v_1 =$

$a_{12} =$

Event 2:

$t_2 =$

$r_2 =$

$v_2 =$

student



chair



Mathematical Analysis

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