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Conceptual

Questions

5.1.



Two forces are present, tension  $\hat{T}$  in the cable and gravitational force  $\hat{F}_G$  as seen in the figure.

5.2



Four forces act on the block: the push of the spring  $\hat{F}_{ap}$ , gravitational force  $\hat{F}_{G}$ , a normal force from the table top  $\hat{h}$ , and a kinetic frictional force due to the rough table surface  $\hat{f}_k$ 

5.3.

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# <u>Physics For Scientists Engineers Solutions Manual</u> <u>Knight</u>

R Bogdan

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