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Pis $E = 0.6$, And The Spring Stiffness Is $K = 30 \text{ N/m}$.
• Find: The Velocity Of Crate B Just After The Collision.
• Plan: 1 Determine The Speed Of The Crate Just Before The Collision Using Projectile Motion Or An Energy Method.
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• For Any Body Undergoing Planar Motion, There Always Exists A Point In The Plane Of Motion At Which The Velocity Is Instantaneously Zero (if It Is Rigidly Connected To The Body).
• This Point Is Called The Instantaneous Center (IC) Of Z Jan 11th, 2024
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• The Velocity Of Any Point On A Body Undergoing General Plane Motion Can Be Determined Easily Once The Instantaneous Center Of Zero Velocity Of The Body Is Located.
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AND COMPOSITE BODIES • Radius Of Gyration: The Mass Moment Of Inertia Of A Body About A Specific Axis Can Be Defined Using The Radius Of Gyration (k). The Radius Of Gyration Has Units Of Length And Is A Measure Of The Distribution Of The Body's Mass About The Axis Jun 22th, 2024

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