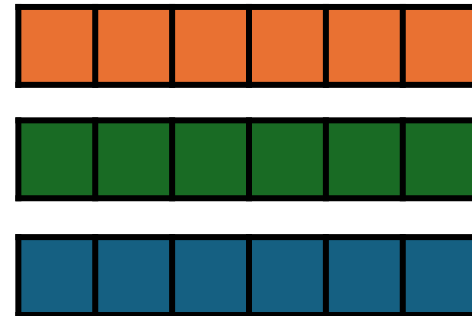
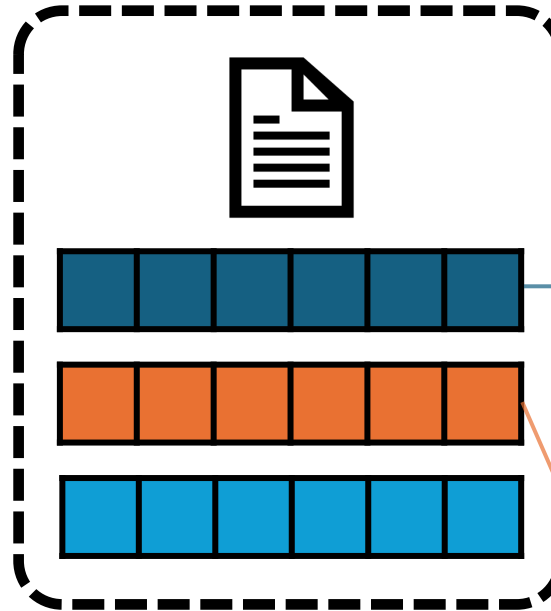


GPT-4o

Identify the direction of force acting on an object or segment in a mechanical system.

Understand how tension forces act along cables and ropes in mechanical systems.

Analyze forces and directions in systems involving pulleys.



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Moment calculation

Identify the direction of force acting on an object or segment in a mechanical system.

Using given coordinate points to understand the direction of forces.

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Trigometric functions

Understand how tension forces act along cables and ropes in mechanical systems.

Applying relevant formulas correctly to find the tension in the cable.

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