

# Motion transformation systems

**AST**

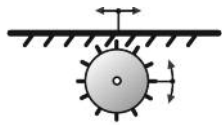
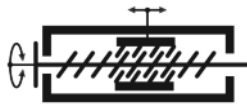
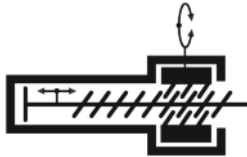
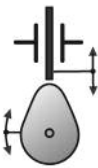
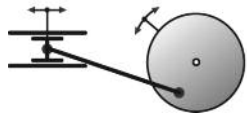
PAGES 445–449

Complete this Concept Review so you can keep a record of what you have learned.

## Definition

- Motion transformation is \_\_\_\_\_

## Characteristics of motion in the most common motion transformation systems

System	Symbol	Possible transformations	Reversibility
Rack and pinion system			
_____			
_____			
_____			
_____			

Elements to consider when building motion transformation systems

System	Elements to consider
Screw gear system, type I Screw gear system, type II	<div></div> <div></div> <div></div> <div></div> <div></div>
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