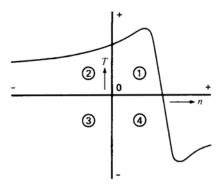
Questions from the same exercise can be combined together to increase difficulty.

20.14

In the following figure, an induction machine is represented. We denote n as the rotational speed, and T as the shaft torque. Positive and negative values of n and T declare the direction of rotational speed or torque.

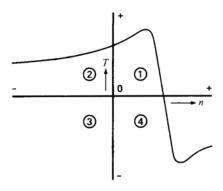


Which quadrant represents motor operation?

- a) 1
- b) 2
- c) 3
- d) 4

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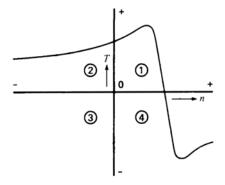


Which quadrant represents breaking operation?

- a) 1
- b) 2
- c) 3
- d) 4

20.14

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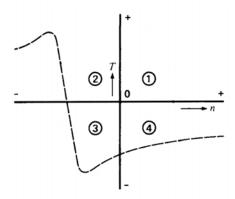


Which quadrant represents generator operation?

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- d) 4

20.14

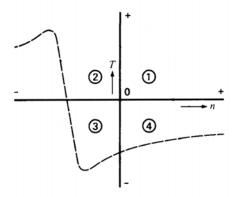
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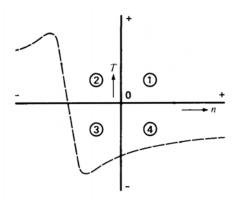


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mine

Which of the following statements doesn't cause a change in the torque-speed characteristic of a machine?

