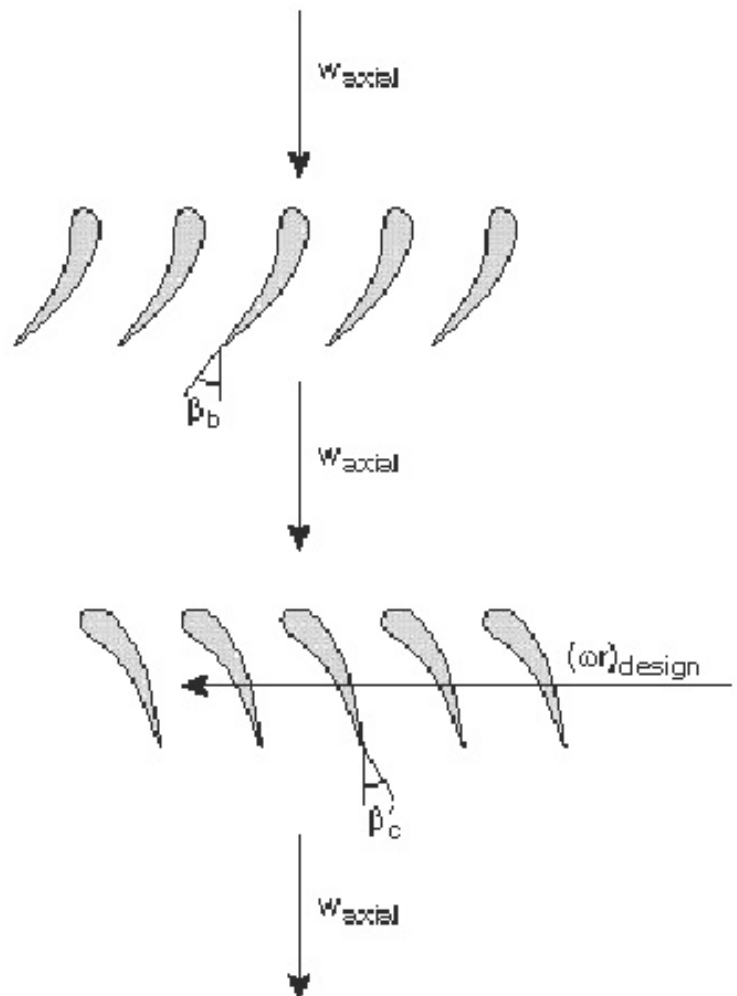


Chapter 9, Question 3: Energy Exchange with Moving Blades

Is the blade row shown at right a compressor or a turbine?

- 1) Compressor
- 2) Turbine
- 3) I don't know



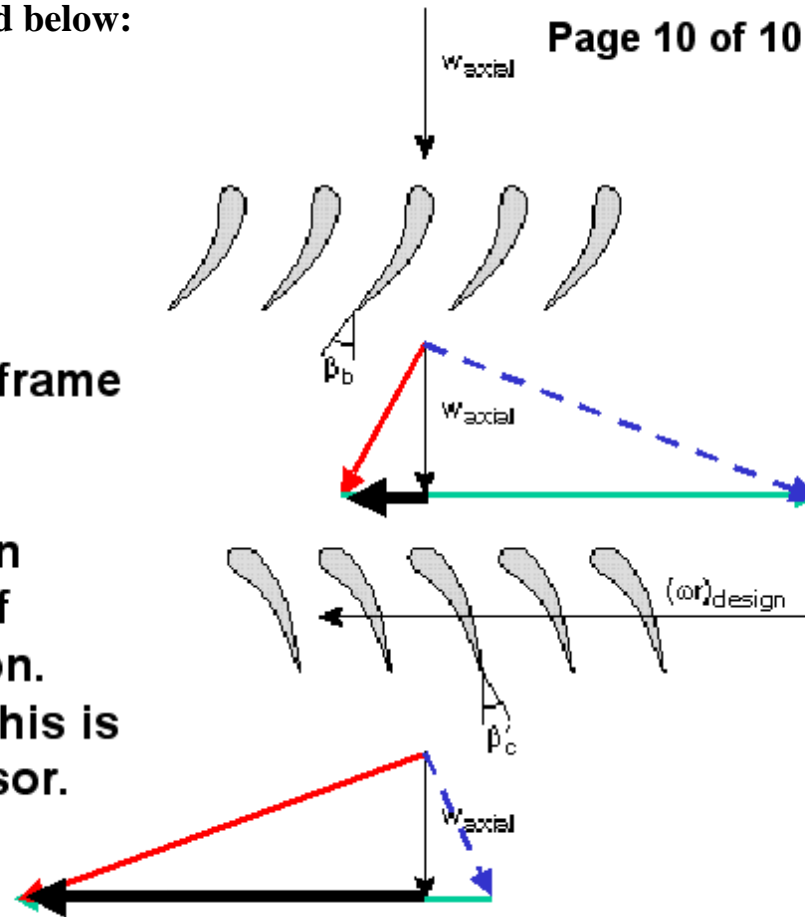
Chapter 9, Question 3 Answer:

The correct answer is 1) Compressor

The solution steps are animated below:

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Stationary frame
tangential
velocity
increases in
direction of
rotor motion.
Therefore this is
a compressor.



Class performance (2001):

Question 1 : Question 1

