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**EXERCISE 5.15:** Use (5.28b) to show that for linear systems, if  $x[n] = 0$  for all  $n$ , then  $y[n] = 0$  for all  $n$ .

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McClellan, Schafer, and Yoder, *DSP First, 2e*, ISBN 0-13-065562-7.  
Prentice Hall, Upper Saddle River, NJ 07458. ©2016 Pearson Education, Inc.

