
EXERCISE C.8: Verify that the sum in (C.28b) produces a signal that satisfies $y(t + T_0/\alpha) = y(t)$, and, therefore, the period of $y(t) = x(\alpha t)$ is T_0/α if the period of $x(t)$ is T_0 .

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

