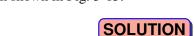


EXERCISE 5.8: Explain why Fig. 5-15 is called the *transposed form* of the direct form shown in Fig. 5-13.

McClellan, Schafer and Yoder, Signal Processing First, ISBN 0-13-065562-7.
Prentice Hall. Upper Saddle River, NJ 07458. © 2003 Pearson Education. Inc.





This is not easy to answer in a precise way, but notice that the direction of most branches is reversed. Also the adders have been replaced with branching nodes, and vice versa.