
EXERCISE 5.17: The two difference equations in (5.40) and (5.41) would be represented by two distinctly different block diagrams of the type shown in Fig. 5-15. Construct the detailed block diagrams of the direct form (5.40) and the cascade form (5.41) showing all multiplications and additions. (Multiplications by 1 do not need to be explicitly shown as multiply operations.)

