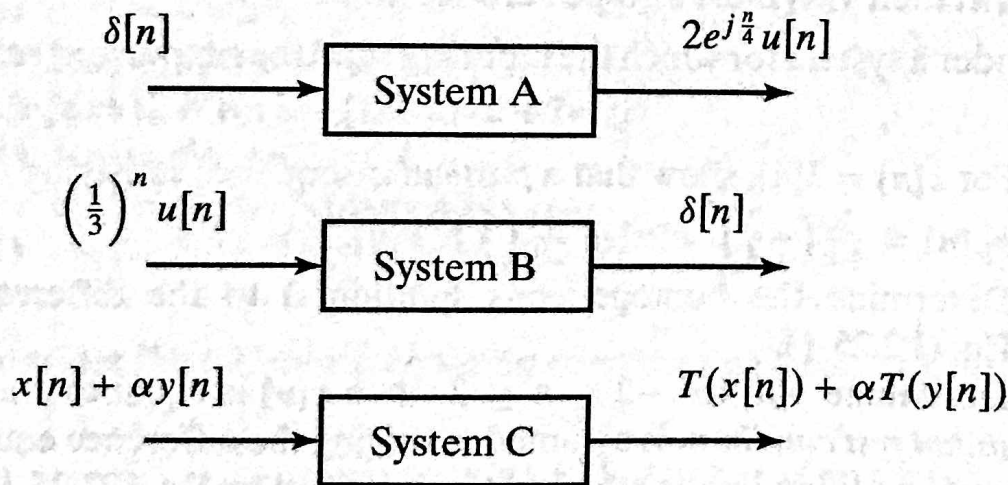


2.27. For each of the systems in Figure P2.27, pick the strongest valid conclusion that you can make about each system from the following list of statements:

- (i) The system must be LTI and is uniquely specified by the information given.
- (ii) The system must be LTI, but cannot be uniquely determined from the information given.
- (iii) The system could be LTI, and if it is, the information given uniquely specifies the system.
- (iv) The system could be LTI, but cannot be uniquely determined from the information given.
- (v) The system could not possibly be LTI.



For all choices of $x[n]$, $y[n]$, and the constant α

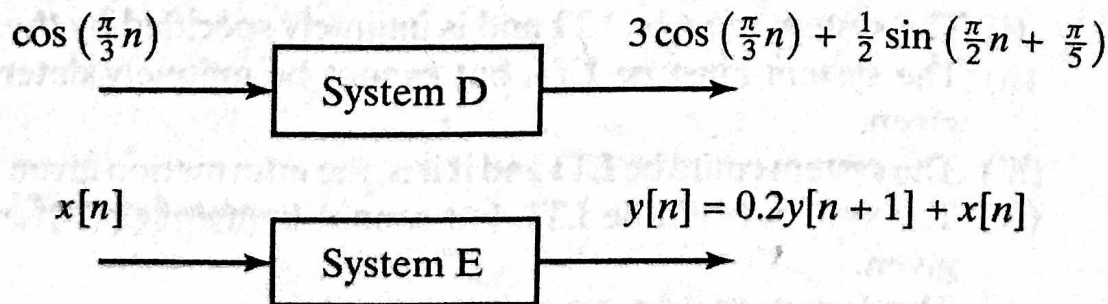


Figure P2.27