2015-2) e01 3c)
• Forma 1:

$$Y(ejw) = X(ejw) \cdot H(ejw)$$

= $(3ejw+1-e^{-jw}+2e^{-j3w})(-ejw+2e^{-j2w}+ej^{qw})$

=
$$(-3ej2w - ejw + 1 - 2e^{-j2w}) +$$

 $(6e^{-jw} + 2e^{-j2w} - 2e^{-j3w} + 4e^{-j5w}) +$
 $(3ej5w + ej4w - 3ej3w + 2ejw)$

Sère de petencias: X(e/w) = E X[n]ejwn

· Forma 2:

y
$$\text{Enl} = x \text{Enl} * \text{henl} = \left\{ 3, \frac{1}{1}, -1, 0, \frac{2}{1} * \left\{ 1, 0, 0, -1, 0, 0, \frac{2}{1} * \left\{ 1, 0, 0, -1, \frac{1}{1}, 0, 0, \frac{2}{1} * \left\{ 1, 0, 0, -1, \frac{1}{1}, 0, 0, \frac{2}{1} * \left\{ 1, 0, 0, \frac{1}{1}, \frac{1}{1}, 0, 0, \frac{1}{1}, \frac{1$$

· Former 3: