

8.2-)

$$W[k] = \sum \{X[k]\} =$$

$$1 - 3 \sin\left(\frac{2k\pi}{6}\right) - 2 \sin\left(\frac{4k\pi}{6}\right) - \sin\left(\frac{6k\pi}{6}\right) = W[k]$$

$$W[k] = 1 - 3 \sin\left(\frac{2k\pi}{6}\right) - 2 \sin\left(\frac{4k\pi}{6}\right) - \sin\left(\frac{6k\pi}{6}\right) \quad 0 \leq k \leq 5$$

$$W[0] = 0$$

$$W[2] = -\frac{\sqrt{3}}{2}$$

$$W[1] = \frac{\sqrt{3}}{2}$$

$$W[4] = -\frac{5\sqrt{3}}{2}$$

$$W[3] = 0$$

$$W[5] = \frac{5\sqrt{3}}{2}$$

$W(m)$ ineq (calculada com octave)

