$$||n||_{\omega} = \sqrt{\sum_{i=0}^{n} w_{i}n_{i}^{2}}$$

$$||n||_{\omega} = \sqrt{w_{i}n_{i}^{2} + w_{i}n_{i}^{2}}$$

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$$||n||_{\omega} = R$$

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$$||n||_{\omega} = \sqrt{w_{i}n_{i}^{2} + w_{i}n_{i}^{2}}$$

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$$||n||_{\omega} = \sqrt{w_{i}n_{i}^{2} + w_{i}n_{i}^{2}}$$

$$||n||_{\omega} \geq 0$$

$$||n||_{\omega} = \sqrt{w_{i}n_{i}^{2} + w_{i}n_{i}^{2}}$$

$$||n||_{\omega} = \sqrt{w_{i}n_{i}^$$

Triangle In equality let 1: Rm -> Rm such that $\begin{bmatrix} \chi_1 \\ \chi_2 \\ \chi_n \end{bmatrix} \rightarrow \begin{bmatrix} \sqrt{\omega_1} \chi_1 \\ \sqrt{\omega_2} \chi_2 \end{bmatrix} \Rightarrow \begin{cases} = \begin{bmatrix} \sqrt{\omega_1} & 0 & 0 \\ 0 & \sqrt{\omega_1} & 0 \\ 0 & \sqrt{\omega_n} \end{cases}$ This implies $sin \omega$ [is a linear $sin \omega$] $sin \omega$ [is a linear $sin \omega$] $sin \omega$] $sin \omega$ [is a linear $sin \omega$] $sin \omega$] $sin \omega$ [is a linear $sin \omega$] $sin \omega$] $sin \omega$ [is a linear $sin \omega$] $sin \omega$ [is a linear $sin \omega$] $sin \omega$ [is a l > 1121110=119112 112/16=192/12 = 1/2/1/6+112/16 > 1/2/16 > 1/2/16 11214 m2/1w= 1/9H b2/12 as /(n1+2)=/(1)+/(n2)