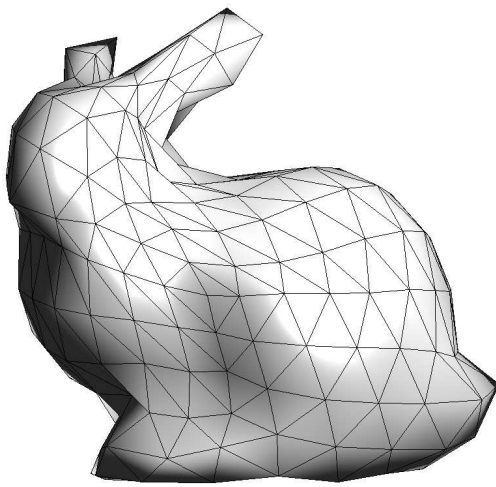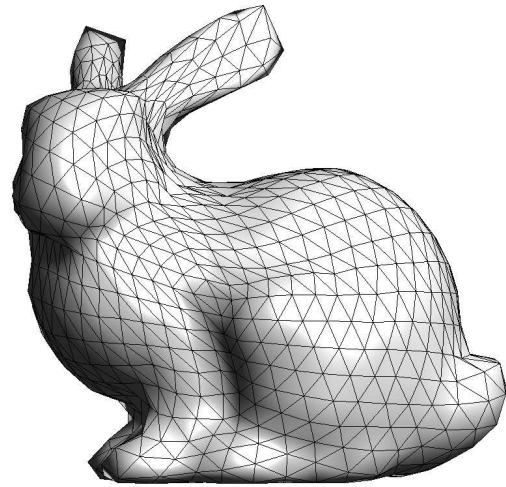$$j = 0 \qquad\qquad j = -1 \qquad\qquad j = -2$$

Fig. 7.32. A Wavelet Tour of Signal Processing, 3rd ed. Examples of semi-regular mesh $\{\mathcal{G}_j, E_j, T_j\}_j$ of a domain Ω which is a surface $\mathcal{S}$ in $\mathbb{R}^3$.