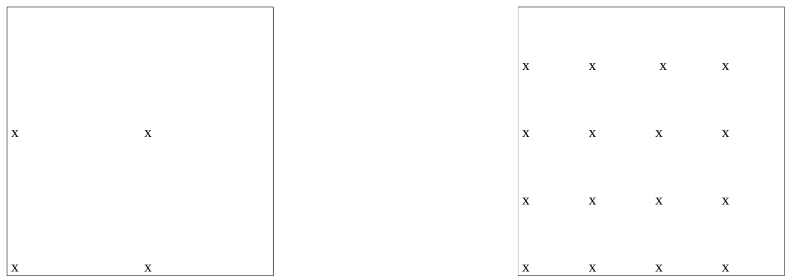
Figures for Chapter 5 of Kolaczyk(1994)



(a) : j = 1　　(b) : j = 2

Figure 0.2: Sampling scheme for MRFBP algorithm in the cases of $j = 1$ and 2. For $j = 1$, $k_x, k_y = 0$ and 1, implying that we sample at the pairs $\{(0,0), (\frac{1}{2}, 0), (0, \frac{1}{2}), (\frac{1}{2}, \frac{1}{2})\}$. Similarly, for $j = 2$, $k_x, k_y = 0, 1, 2$, and 3. Sampling is done at all sixteen pairwise combinations of $\{0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}\}$.

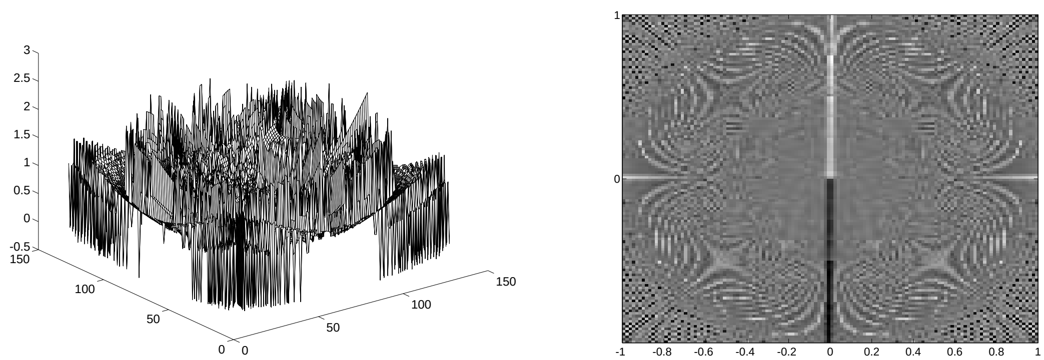


Figure 0.3: 3D mesh plot and image plot of the backprojection of a point source at $(0,0)$, normalized by $|(x,y)|$. Theoretical values should be uniformly equal to 1.