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- Edges and sharp transitions (e.g., noise) in an image contribute significantly to high-frequency content of FT.
- Low frequency contents in the FT are responsible to the general appearance of the image over smooth areas.
- Blurring (smoothing) is achieved by attenuating range of high frequency components of FT.





































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a b c FIGURE 4.25 Results of highpass filter 30, and 80, respectively. These results a MCMaster	ring the image in Fig. 4.11(a) usin are much smoother than those obt	ig a BHPF of order 2 with $D_0 = 15$, ained with an ILPF.































