Input sine wave   **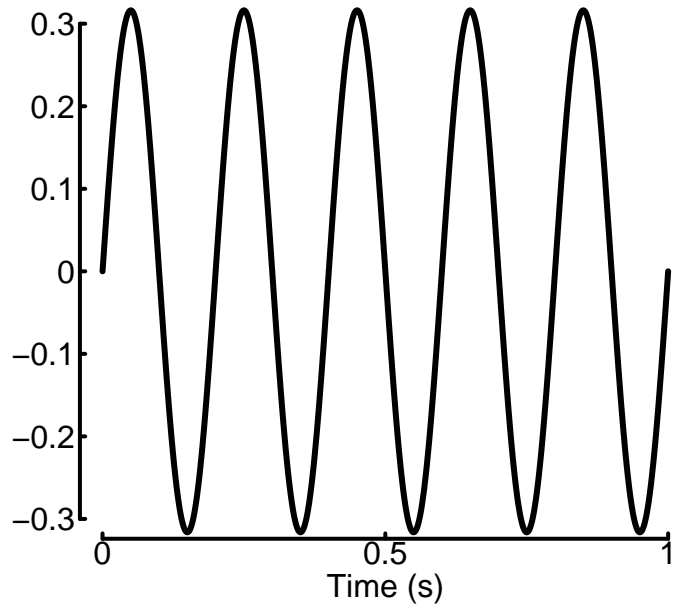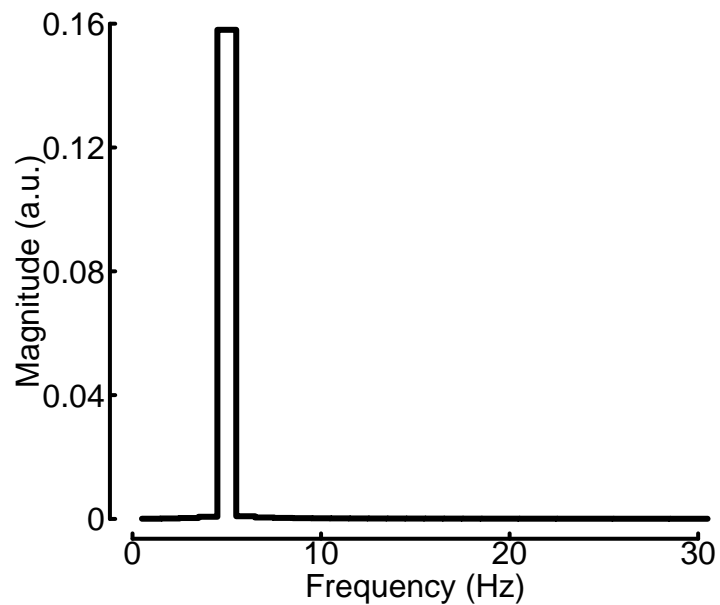Fourier spectrum**   **Linear computation stage**