



FIGURE 1.37 Signal for EOCE 1.10.

3. $x(n) + x(-n)$
4. $x(2n)$
5. $x\left(\frac{n}{3}\right) + x(-n)$
6. $x(n)\delta(n-1)$
7. $x(-n)u(n-2) + \delta(n)$
8. $x(n-2) + \delta(n)x(n)$
9. $u\left(\frac{n}{2}\right) - x(n)$
10. $x(-n-2) + u(n-2)$

EOCP 1.2

Use MATLAB to generate the following signals if $x(n) = u(n) - u(n-1)$ for $0 \leq n \leq 5$:

1. $x(-n)$
2. $x(n+2)$
3. $x(n) + x(-n)$
4. $x(n-2) + x(n+2)$
5. $x(-n-1) \cdot x(n)$
6. $x(-n) \cdot x(n) + x(-n-1)$
7. $x(n) + \cos(2\pi n + \pi)$
8. $x(-n) \cdot \cos(3\pi n + \frac{\pi}{2})$
9. $(.1)^n x(n) \cos(3\pi n + \frac{\pi}{2})$