Lab Report Title

Arnav Goyal – 251244778

February 8, 2024

Algorithms

Here are the three methods (algortihms) presented in the lab report

$$v_{avg}(n) = \frac{1}{4}\left(v(n) + v(n-1) + v(n-2) + v(n-3)\right) \tag{1}$$

$$v_{avg}(n) = 0.3 \cdot v(n) + 0.7 \cdot v_{avg}(n-1) \tag{2}$$

$$v_{avg}(n) = \frac{1}{4}\left(v(n) - v(n-4)\right) + v_{avg}(n-1) \tag{3}$$

Block Diagrams