

M := READPRN("Filtered.txt")

$T := \text{floor}\left(\left(M^{\langle 0 \rangle}\right)\right) \qquad \min(T) = 1 \qquad \max(T) = 102$

k := 0..rows(T) - 1

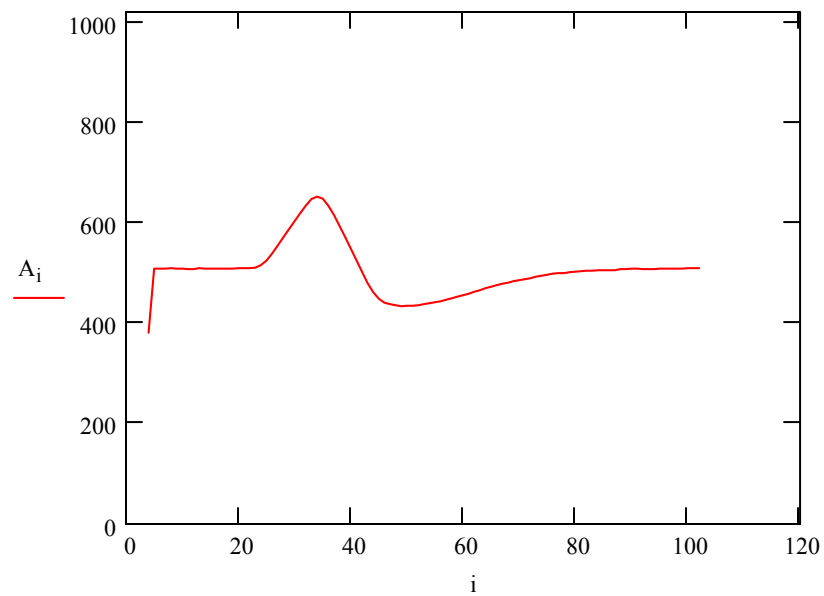
p := min(T)..max(T)

$$n_p := \sum_k \left| \begin{array}{l} 1 \text{ if } T_k = p \\ 0 \text{ otherwise} \end{array} \right. \qquad a_p := \sum_k \left| \begin{array}{l} \left(M^{\langle 1 \rangle}\right)_k \text{ if } T_k = p \\ 0 \text{ otherwise} \end{array} \right.$$

$$a := \overrightarrow{\text{floor}\left(\left(\frac{a}{n}\right)\right)}$$

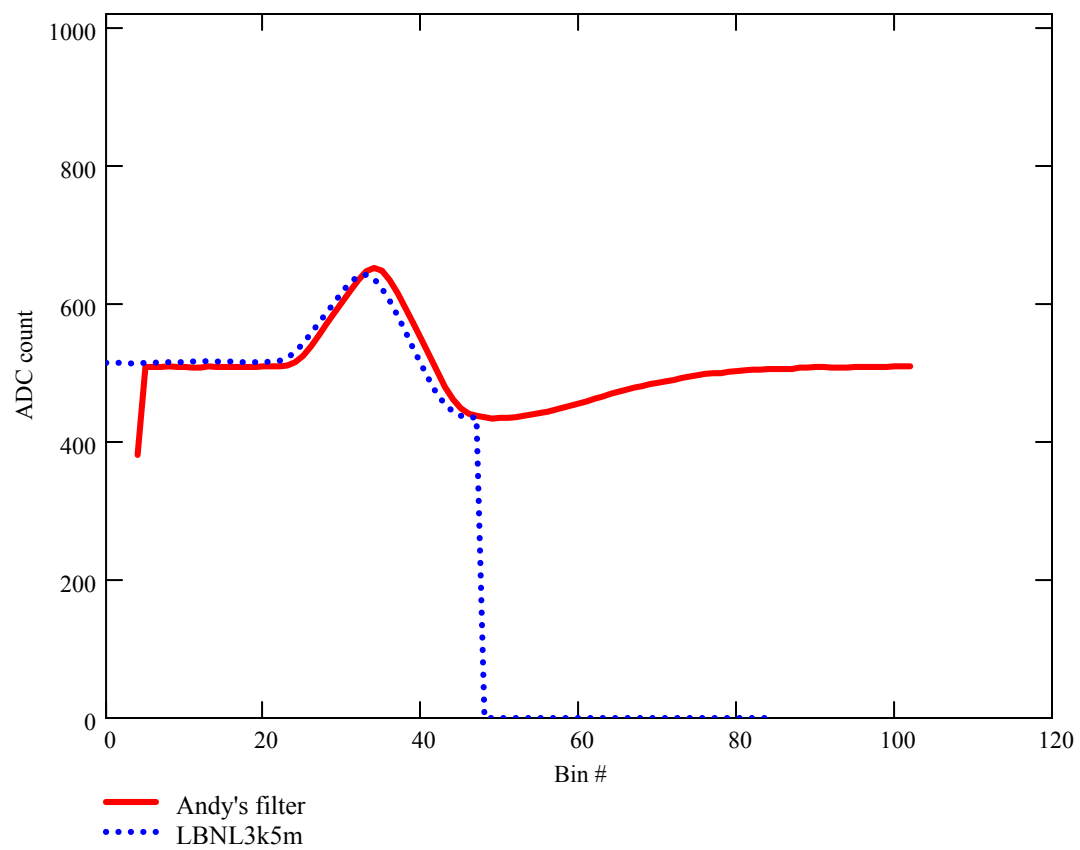
i := 4..max(T)

$$A_i := \text{floor}\left[\frac{1}{4}\cdot\left(a_{i-1} + a_{i-2} + a_{i-3} + a_{i-4}\right)\right]$$



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L := READPRN("LBNL3k5m.txt")
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j := 0..rows(L)
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Comparison with FPGA running average