







BiKA

$$Output = \sum_{i=0}^{n-1} Thres_i(A_i)$$

ACCU → Output

$$Output = \sum_{i=0}^{n-1} Sign(W_i \bullet (A_i + B_i))$$

$$Sign(W_i \cdot (A_i + B_i)) = \begin{cases} 1 & In > 0 \\ -1 & In \le 0 \end{cases}$$

$$\rightarrow Thres(A_i) = \begin{cases} 1 & In > -B_i \\ -1 & In \leq -B_i \end{cases}$$