



Left-to-Right

A	B
0	0
+	0
+	1
-	0
-	0
0	0
0	1
+	1
+	1
1	0

$\begin{matrix} A \\ B \\ A \\ B \\ A \\ B \end{matrix}$ } L-R
 Drop starts with B

Right-to-Left

A	B
1	0
1	1
-	0
0	1
0	0
+	0
1	0
1	1
-	0
0	0

$\begin{matrix} B \\ A \\ B \\ A \\ B \\ A \end{matrix}$ } R-L
 Drop starts with A

$\text{IF } (A_i \neq A_f) \{$
 position--;
 $\}$

$\text{if } (B_i \neq B_f) \{$
 position++;
 $\}$

* Resolution doubles when including rises with drops.

i.e., if $(A_i > A_f \text{ OR } B_i > B_f)$