```
Po-si-tional Burrows-Wheeler Transform trasformata di Burrows-Wheeler po-sizionale aplotipo??
                                                                                                                       \mathbf{\hat{g}enotipo}
\mathbf{\hat{X}}
\mathbf{\hat{M}}
\mathbf{\hat{i}} = 0
\mathbf{\hat{i}} = 0
\mathbf{\hat{M}}
                                                                                                                       V
k = 0, \dots, N-1

\begin{array}{c}
0, \dots, \\
\Sigma = \\
\{0, 1\} \\
0 \prec \\
1
\end{array}

                                                                                                                       x_i[k] = \{0, 1\}

\begin{array}{l}
x_{i}[k_{1}, k_{2}) \\
x_{i} \\
k_{1} \\
k_{2} - \\
1 \\
x_{i} \\
x_{j} \\
k_{1} \\
k_{2} - \\
1 \\
x_{i}[k_{1}, k_{2})
\end{array}

                                                                                                                       x_i[k_1, k_2) = x_j[k_1, k_2)
(2) \underset{x_{j}}{\underset{x_{j}}{x_{i}}} (k_{1} = 0 \forall x_{i}[k_{1}-1] \neq x_{j}[k_{1}-1]) \land (k_{2} = N \forall x_{i}[k_{2}] \neq x_{j}[k_{2}])
                                                                                                                 \begin{array}{l} \tilde{\mathbf{z}} \\ \tilde{\mathbf{z}} 
             (4)
                                                                                                                       y_i^k
y_i^
```

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\sum_{\substack{j \\ i < m \le j}}^{i < j} d_k[m]

                                                                                                                              (8)
                                                                                                                                                                                                                                                                                                                                                                                          (10)
                                                                                                                                                                                                                                                                                                                           \begin{array}{l} 1 \\ \downarrow \\ b \leftarrow \\ d \leftarrow \\ \vdots \rightarrow \\ \vdots \rightarrow
                                                                                                                                                                                                                                                                                                                                                                                          {}_{T}^{T} {}_{\alpha_{k}}^{a_{k}} {}_{T}^{T} {}_{d_{k}}^{a_{k}} l_{k}
```