

$$\begin{array}{l}
A \\
{}_iA_i \\
A \\
L_A \\
A \\
[i,j] \\
A_{i\dots j} \\
A_{0\dots i} \\
A_{i\dots L_A-1} \\
TPPT \\
O(L_PL_T) \\
O(1)ph(A)A \\
h(A)= \\
A_0p^{L_A-1}+ \\
A_1p^{L_A-2}+ \\
\dots+ \\
A_{L_A-1} \\
L_Aph(A_{1\dots L_A-1}),h(A_{1\dots L_A-2}),\dots,h(A_{1\dots 1})h(A_{1\dots i})= \\
h(A_{1\dots i-1})\times \\
p+ \\
A_iO(L_A)A_{i\dots j}h(A_{1\dots j})- \\
h(A_{1\dots i})\times \\
p^{j-i}O(1)pO(L_A)O(1) \\
\quad \quad \quad pp \\
\quad \quad \quad ABO(L_A)ABAL_A- \\
L_B+ \\
1BBO(L_A+ \\
L_B) \\
s \\
\mathbf{Z-} \\
Z[k]k \\
(vector)[matrixofnodes,row1/.style = \\
nodes = draw = none,minimumwidth = 0.3cm,nodes = \\
draw]0123456789101112131415 \\
16 \\
0 \\
0 \\
0 \\
2 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
0 \\
1 \\
Z[6] = \\
5s[6] \\
s[x...y]y \\
Z[i]Z[i]is[x...y]Z[i]iZ[i]min(Z[i- \\
x],y- \\
i+ \\
1) \\
i > \\
yis[0... \\
s[i...x,y,Z[i] \\
i \leq \\
ys[0...y- \\
x] \\
s[x...y] \\
i \\
s[x...y] \\
i- \\
x \\
s[0...y- \\
x] \\
Z[i- \\
x] \\
Z[i] \\
Z[i- \\
x] < \\
y- \\
i+ \\
1 \\
Z[i] \\
Z[i] \\
Z[i- \\
x] \\
Z[i- \\
x] \geq \\
y- \\
i+ \\
1 \\
Z[i]
\end{array}$$