Relationship Between s = appellee\$ BWT and Suffix Arrays

123456789

```
$appellee
appellee$
e$appelle
ee$appell
ellee$app
lee$appel
llee$appe
pellee$ap
ppellee$a
```

\$ appellee\$ e\$ ee\$ ellee\$ lee\$ llee\$ pellee\$ ppellee\$

These are still in sorted order because "\$" comes before everything else

```
s[9-1] = e
                s[I-I] = $
                s[8-1] = e
                s[7-1] = 1
- subtract 1 \rightarrow s[4-1] = p
                s[6-1] = 1
                s[5-1] = e
                s[3-1] = p
                s[2-1] = a
```

BWT matrix

The suffixes are obtained by deleting everything after the \$

Suffix array (start position for the suffixes) Suffix position - I =the position of the last character of the BWT matrix

(\$ is a special case)