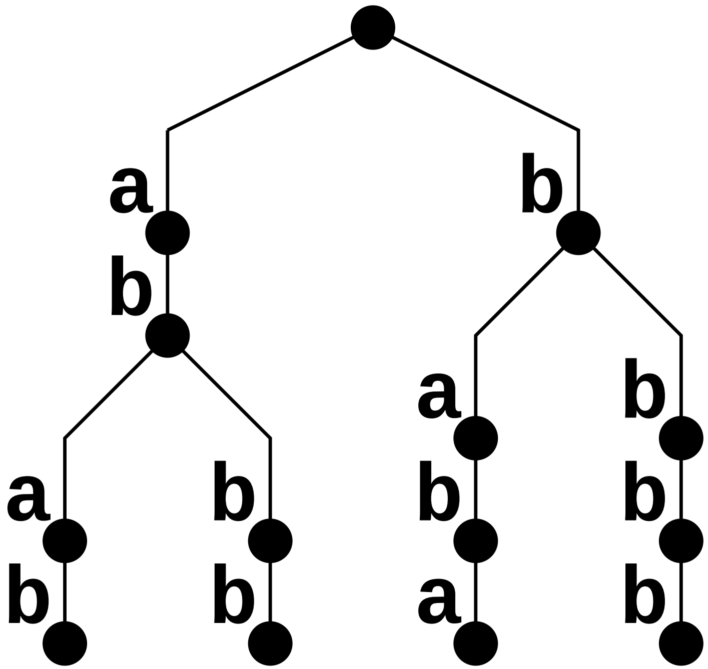
Ein Trie

abab, abbb,

baba, bbbb

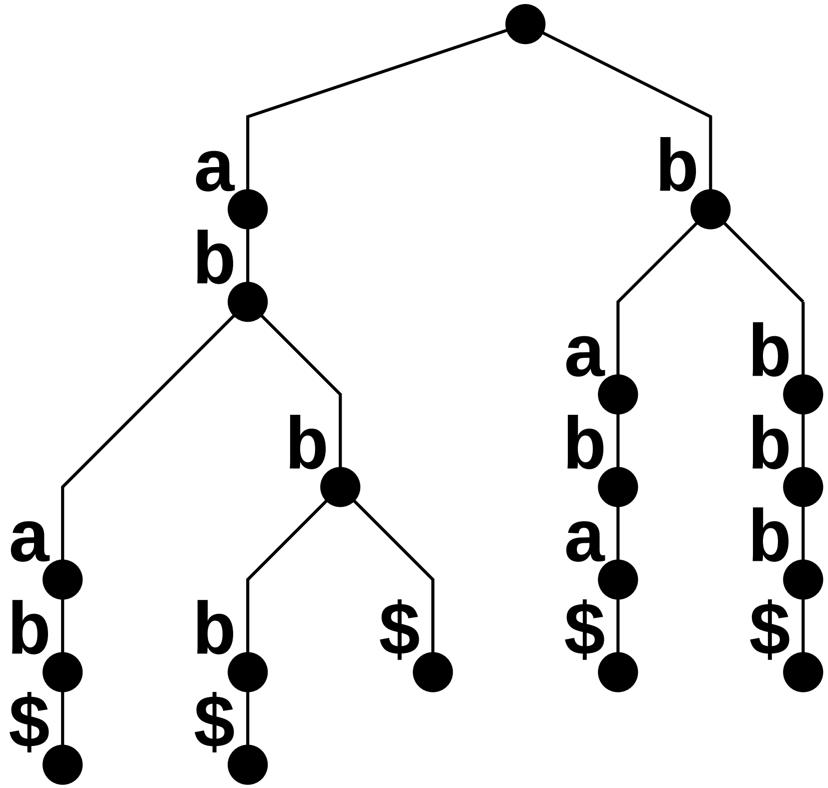


Ein Trie mit Endmarkierung

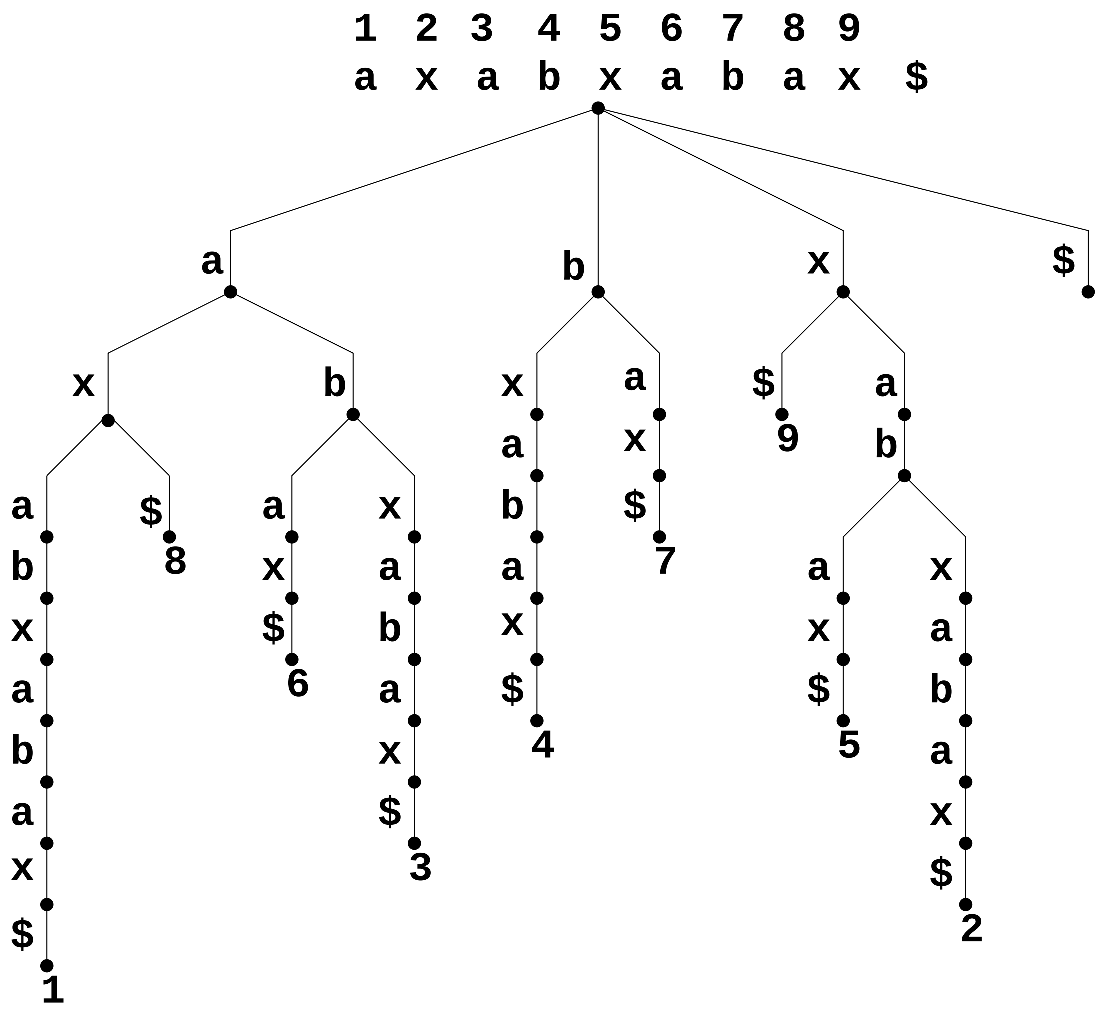
abab, abbb,

baba, bbbb,

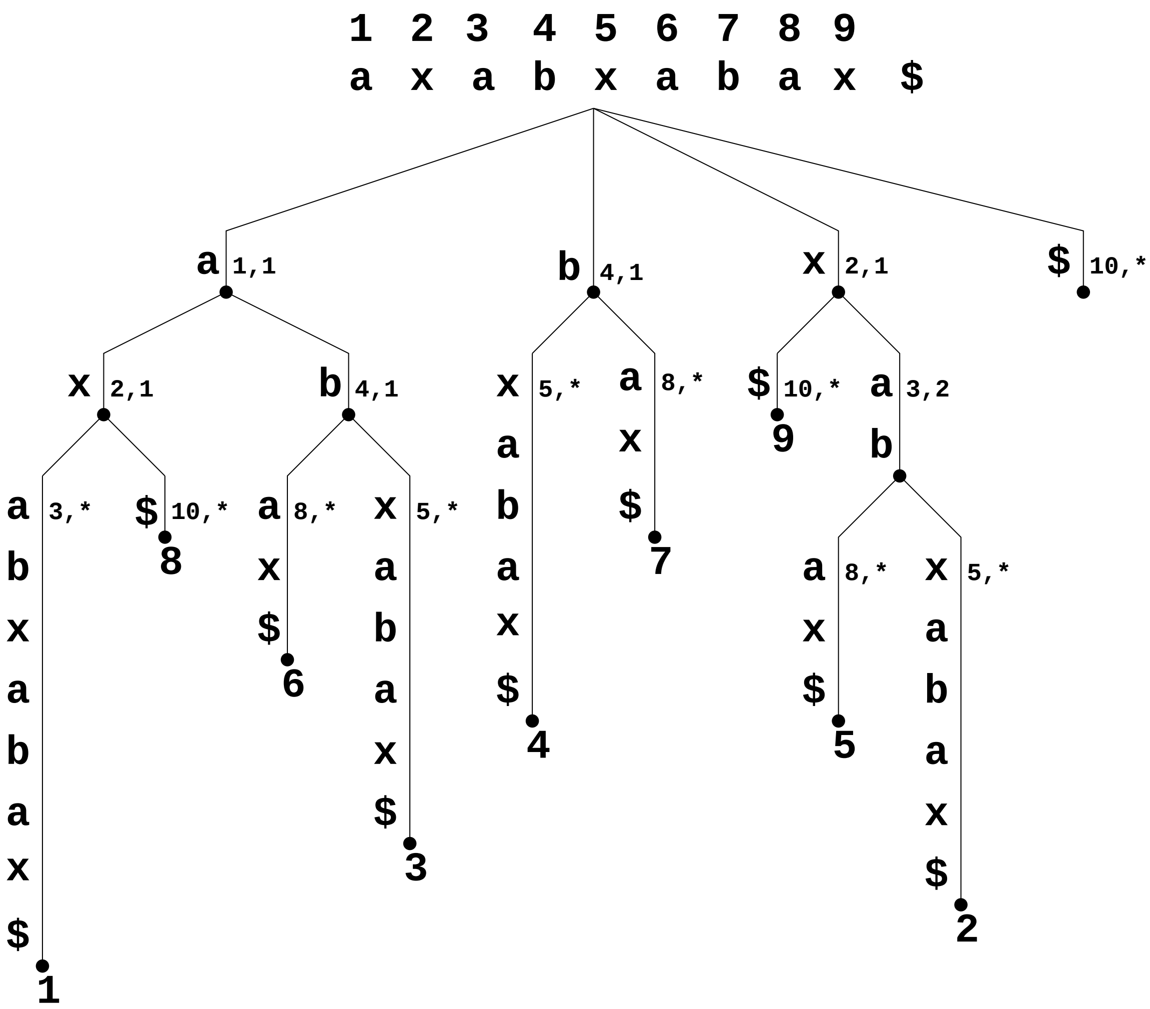
abb

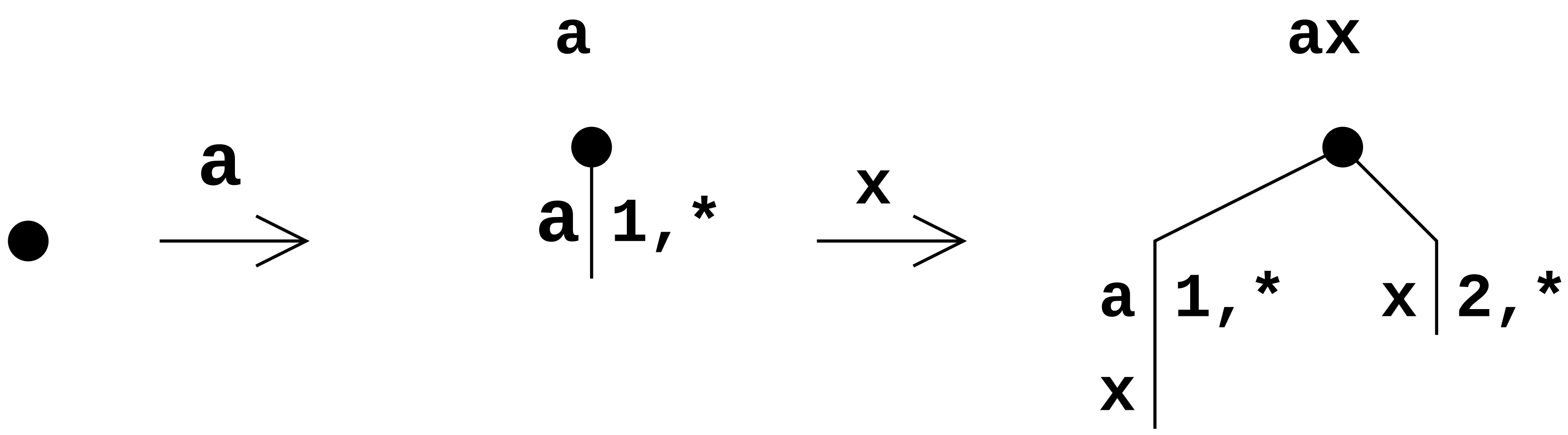


Ein Suffix Trie

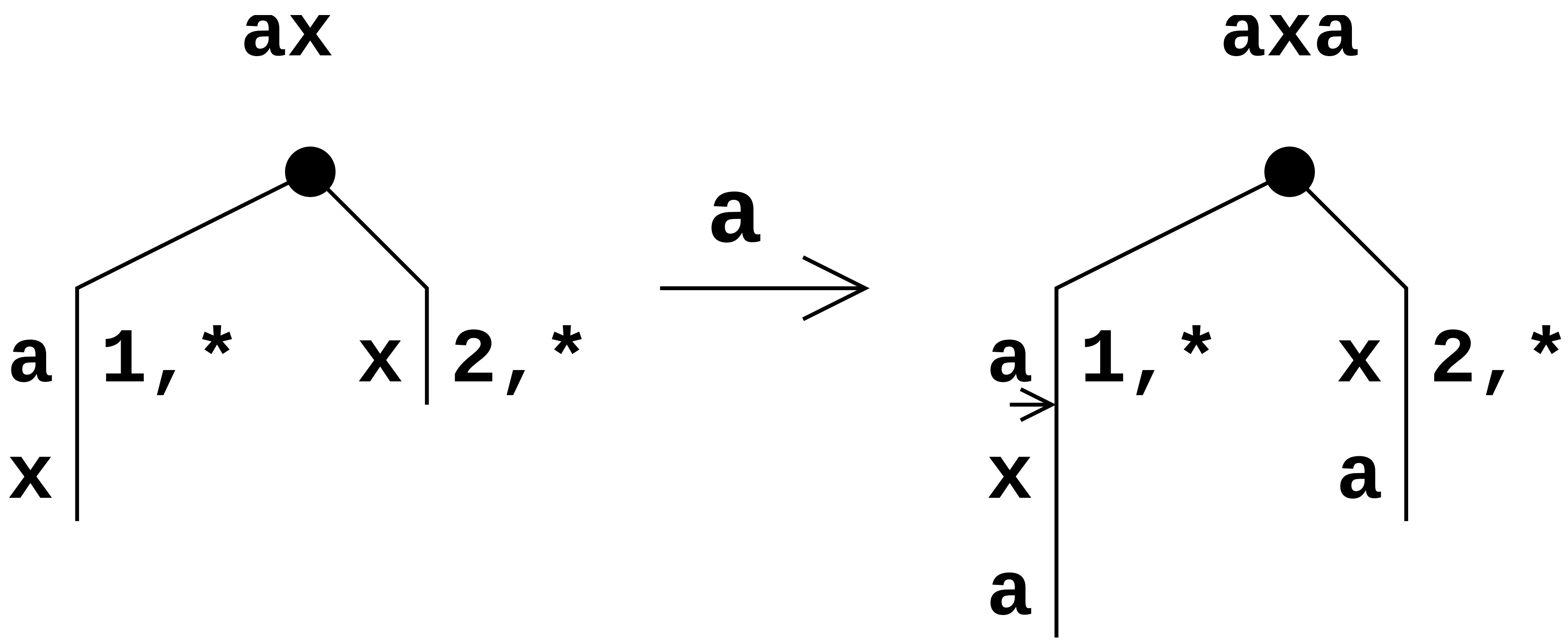


Ein Suffix Tree



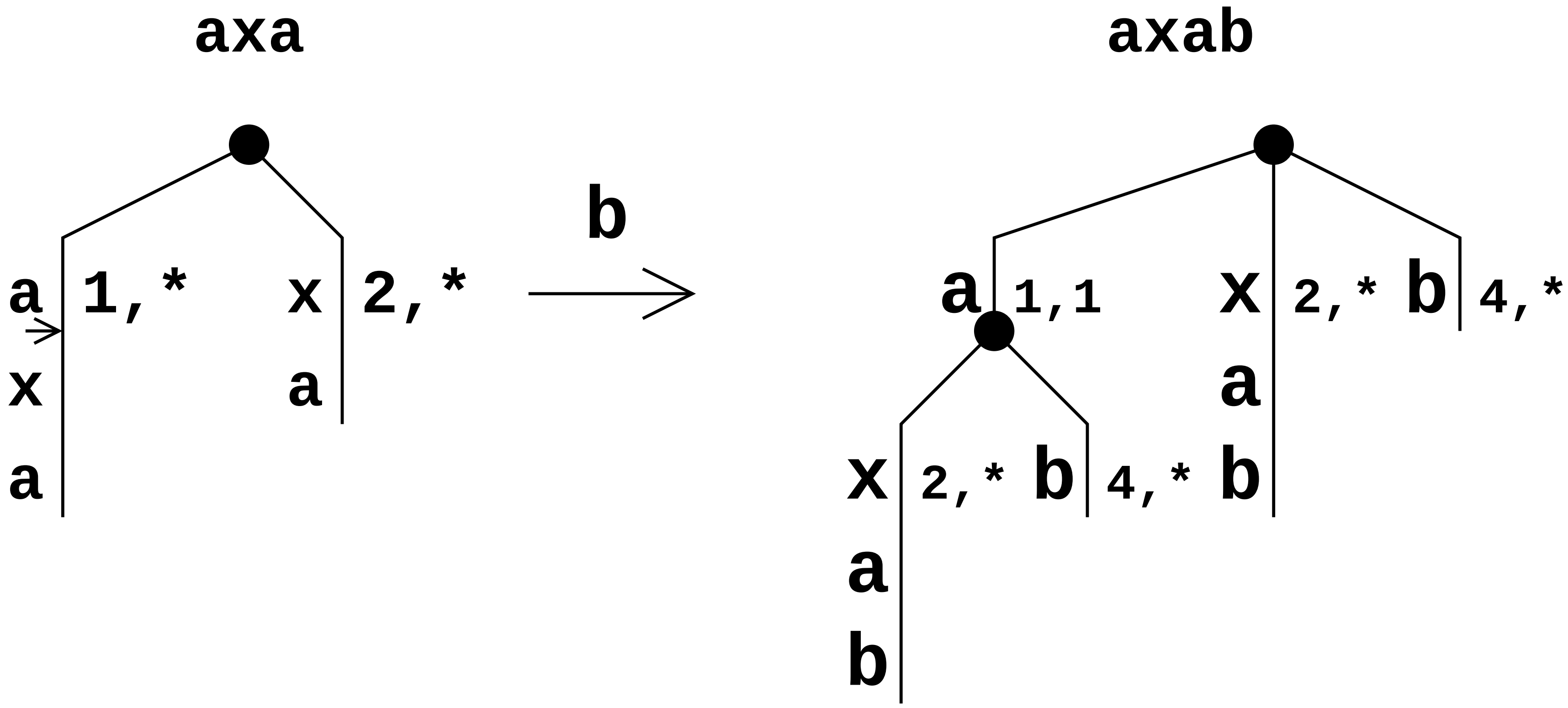


Durch die "Open Edges" verlängern sich die Blätter automatisch

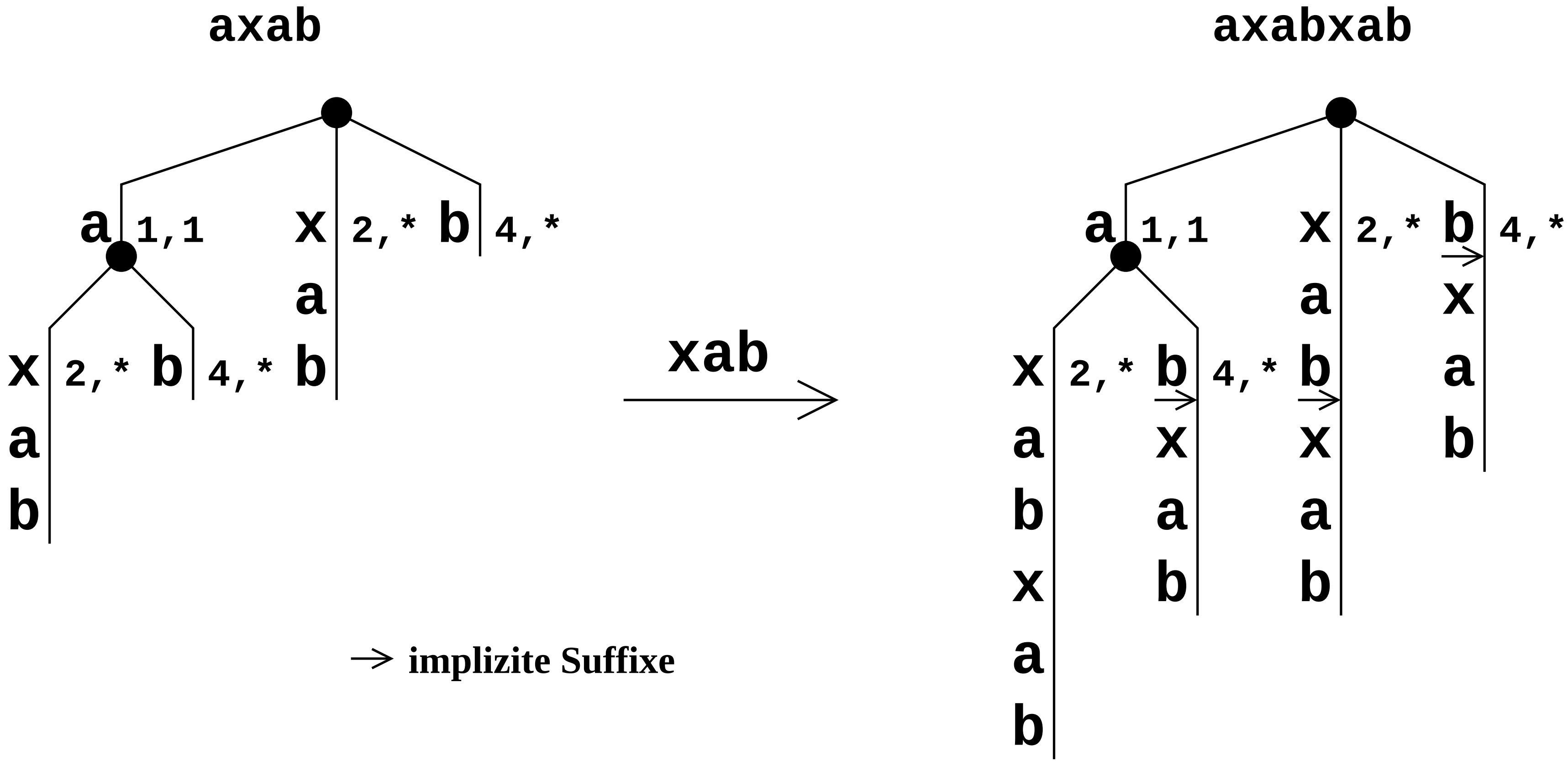


Das Suffix "a" hat noch kein eigenes Blatt

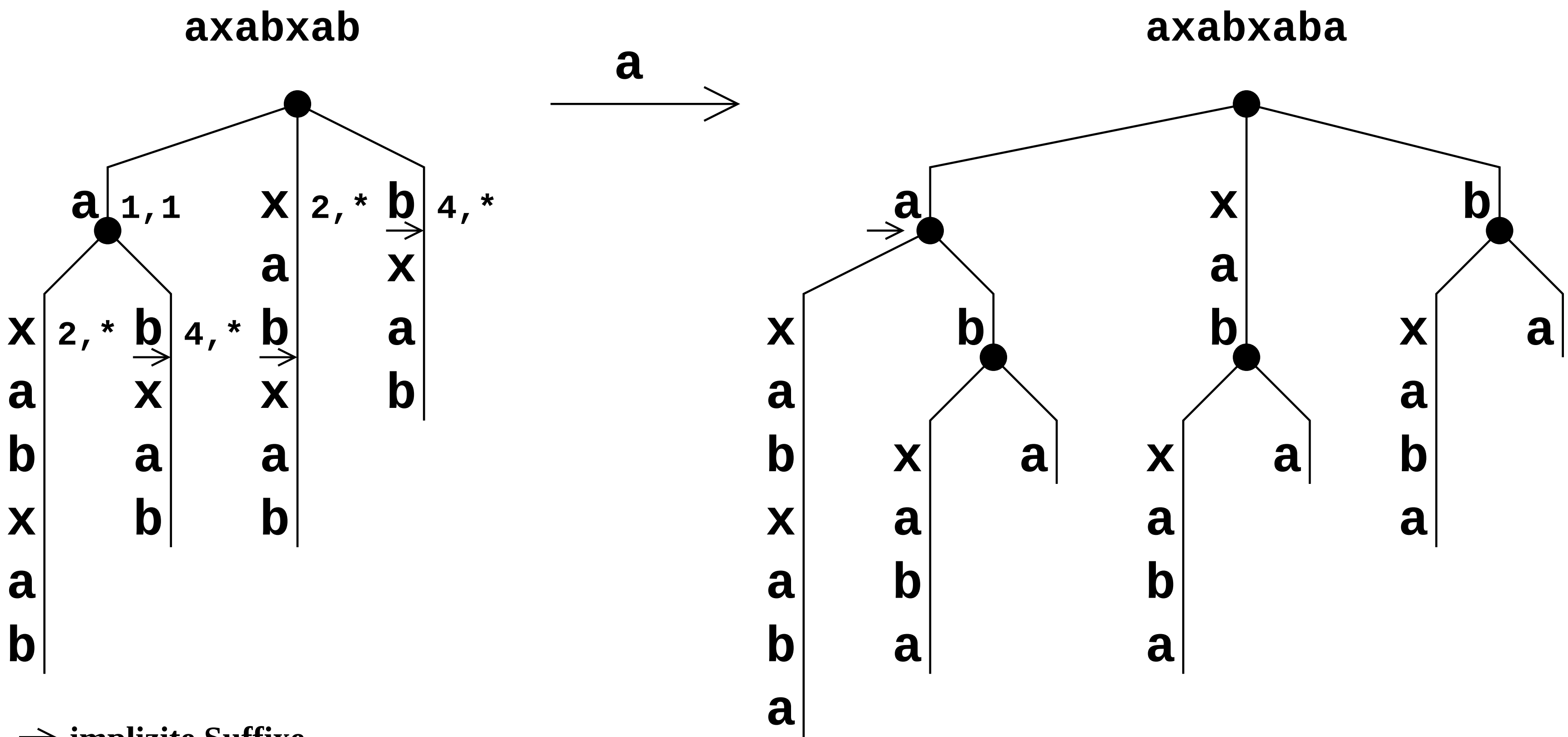
→ **implizites Suffix "a"**



Zwei neue Kanten für die Suffixe "ab" und "b"



→ **implizite Suffixe**

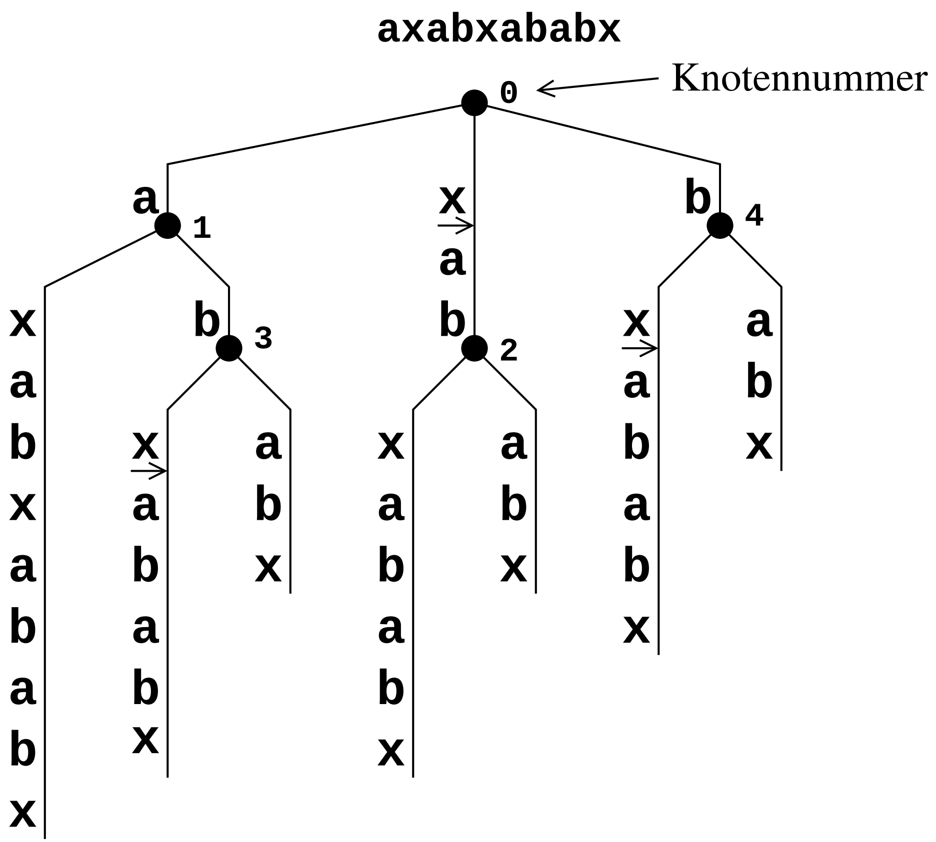


→ **implizite Suffixe**

xab **"aktives Suffix", längstes implizite Suffix**

Bei jedem impliziten Suffix kann eine neue Kante entstehen

Kanonisierung



abx **aktives Suffix** $\xrightarrow{\text{kanonisiert}}$ **(3,"x")**

Suffix Links