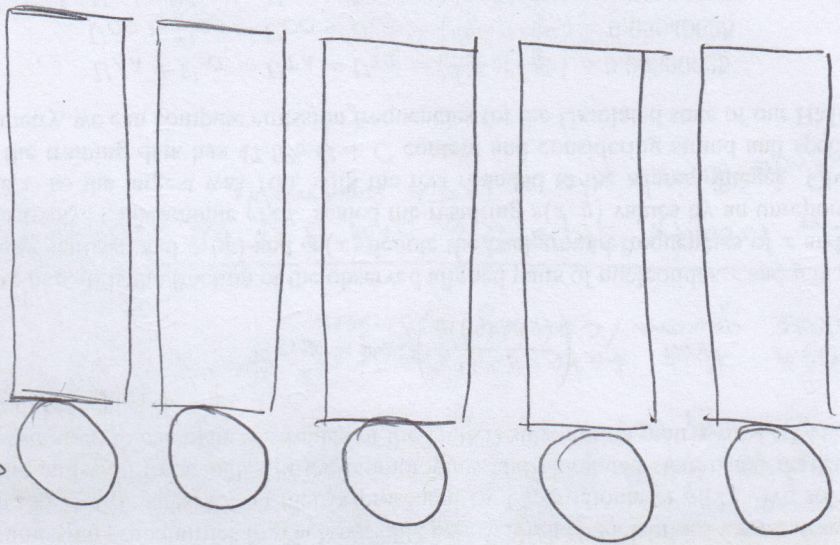


Why was the seed extendable to the left?

Why didn't this position get chosen instead?
 ↳ This position probably gets chosen at a later state.



↳ because we look at neighboring suffix array indices in the search, not at neighboring positions in the text!

↳ Should we just **SKIP** all positions that are ~~trivially~~ left-extendable?

Yes. ✓

$$[x_2x_1 - x_2x_0 + x_2x_1 - x_2x_0 - x_1x_1 - x_1x_0 - x_1x_1 - x_1x_0] \cdot [x_2x_1 - x_2x_0 - x_1x_1 - x_1x_0]$$