CS 373: Theory of Computation (Summer 2011)
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Lecture 13 Corrections

2011 July 06 at 9:00 AM

There was a small but important typo in this lecture about the definition of $\mathcal{C}_{\text{Suffix}}(L)$. The definition was written as

$$\mathcal{C}_{\text{Suffix}}(L) = \{\text{Suffix}_L(w) \mid w \in L\}$$

but it should be

$$\mathcal{C}_{\text{Suffix}}(L) = \{\text{Suffix}_L(w) \mid w \in \Sigma^*\}$$

If you think about it, $\{\text{Suffix}_L(w) \mid w \in L\}$ only contains the suffix languages that correspond to the final states. $\mathcal{C}_{\text{Suffix}}(L)$ chould contain every possible suffix language with respect to L.