Theory of Computation: Lecture 2

Morgan McCarty

12 September 2023

- Review

    - Languages (alphabets), strings (suffix, prefix, substring, ϵ (empty string))

    - Alphabet (Σ): finite set of symbols

    - String ($\omega \in \Sigma^*$): finite sequence of symbols from Σ^* (the set of all strings over Σ)

    - $L(M)$ is the language of M (the set of all strings accepted by M) $\rightarrow$ accepts or rejects strings ($\omega \in \Sigma^*$)