

CS 373 - Automata Theory and Formal Languages

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1 Decidability

1.1 test

Corollary 1. *A language is decidable if \exists a non deterministic Turing Machine that recognizes it.*

Theorem 1. *A language is Turing Recognizable if and only if some enumerator enumerates it.*

Theorem 2. *The class of Fontext Free Languages is a proper subset of the Turing Recognizable languages.*