

2^{Σ^*}

?

Not finitely describable

\overline{H}

Turing
degrees

Not Recognizable

H

Recognizable

Decidable

Presburger arithmetic

EXPSPACE

EXPTIME

PSPACE

Context sensitive LBA

NP

P

$a^n b^n c^n$

Context-free ww^R

Det. CF $a^n b^n$

Regular a^*

Finite $\{a, b\}$

EXPSPACE-complete $= RE^{\uparrow}$

EXPTIME-complete Go

PSPACE-complete QBF

NP-complete SAT