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Kice's Theorem: Given (M), does M accept \_\_\_\_\_? Accept (M) = {w | Maccept.w3 Let & be any Family of languages such that: • There is a program Y s.t. Accept (Y) EX • There is a program N s.t. Accept (W) EX • There is a program N s.t. Accept (W) EX Deciding, given (M), if Accept(M) EX is impossible.