25-1/ ATM \$ 20 - all languages that / / are described by X E Arm a deciden off x = < M, w7 a TM that where Mis a TM and wel(m)) yever LOOPs almys Yes or No may Loop

25-2/ Assume that Arm & Eo and is solved by machine, F. F(<M, w7) = accept if Maccepts w reject it M rejects w or M loassin w D(<M7) = accept if F(M, cM7) neturns rejoi reject it F(cm, cm) returns accept D(207) = accept if D rejects < D7reject if D accepts < D7

25-3/
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7.5
Arm & EI