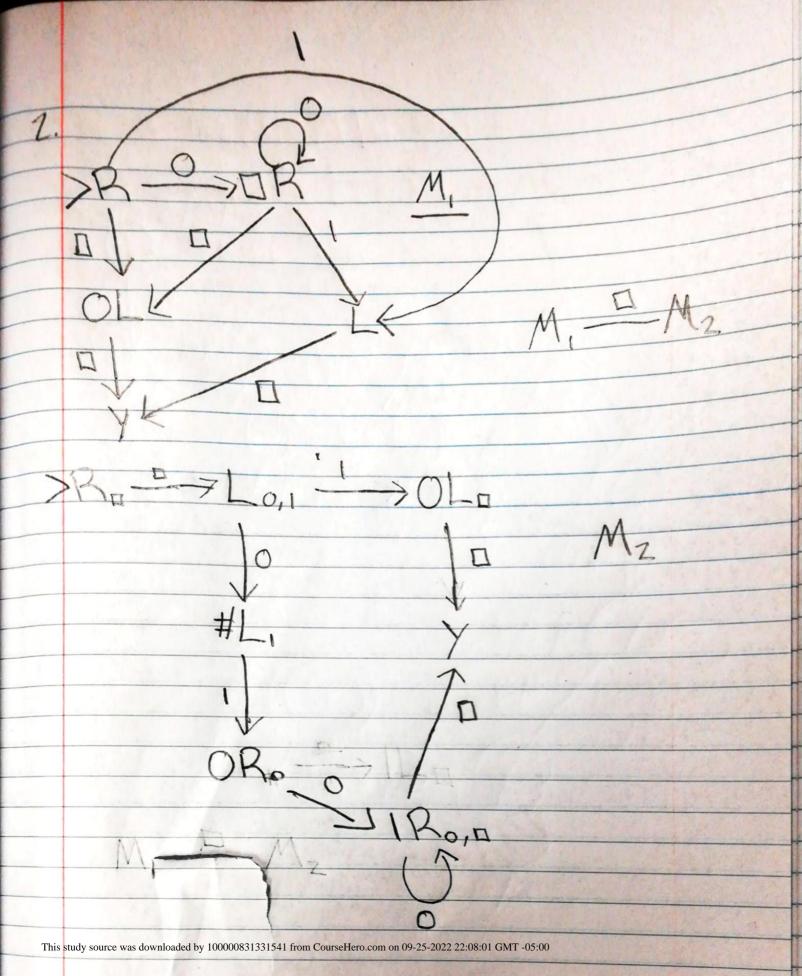
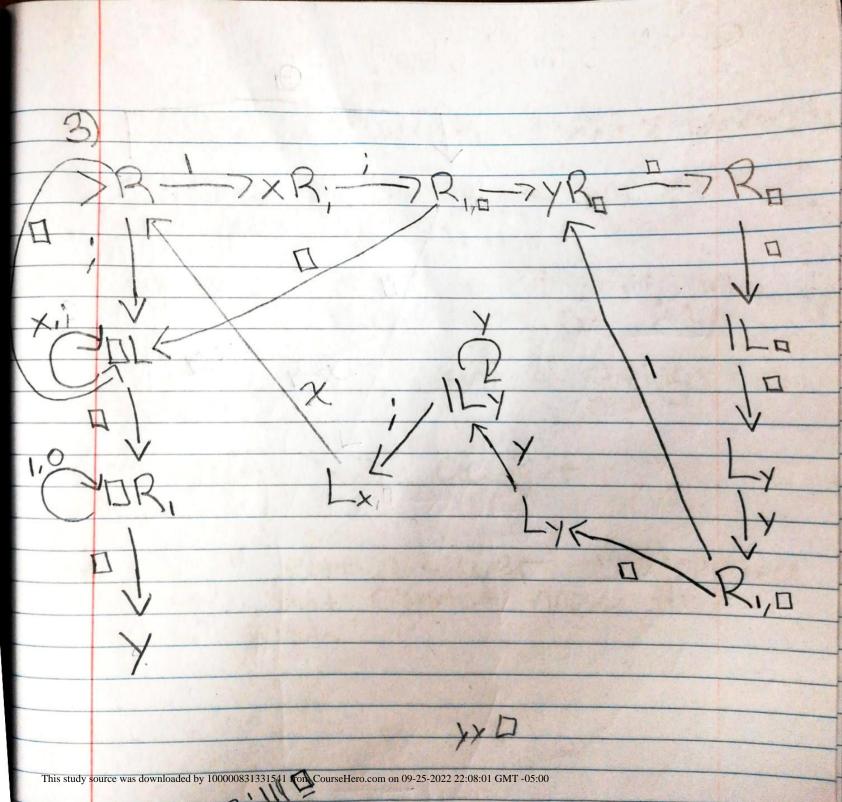


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4. L= 3<M> M accepts at least Z strings Construct a turing machine M Such that; L(M) C 5\* Sor each (M7 fake all strings in En and run them on M, it M accepts, count # strings if count > Z, accept o) no, M can discover 2 accepted Strings, but cannot know that

L=3<M> | Maccepts binary encodings c the first 4 Fibonacci numbers construct turing machine 1 such that: L(M) C I'm for each <M> run if accepts run 10 accepts run 11 on accept, else loop if for any of the above input M fails to half, halts and rejects, procedure will fail to half.