=. | nvzw: u.v.welo.1]*, |u|=2|v|+| & |v| = |w| } tegnlar?

E. DFA or NFA with =5 states & =8 transitions:

we 90.13*

lif w. The last 4 digits of u has at least a 1 }.

Lif w. less than 4 digits . then in 1 w1 }.

CFA with ≤ 3 variables $8 \leq 15$ thles: $1 \text{ uv} : \text{u.v.} \in \{0,1\}^{2}$ in differs with u^{R} in exactly 2 digits \int 四. PDA: ? W: WE PO. 13* #olw) = 1#, (w). & /W/ is odd }.

Is (i) Describe the idea of simulating NTM with 3-tape DTM.

Nii) Describe the functions of 3 tapes.

Niii) Describe than this 3-tape DTM norts.

7. R. RE not R or not RE:

A: = \ M : M halts on some imput within 2013 steps \.
A: = \ M : M halts on out most 2023 palindromes \.