

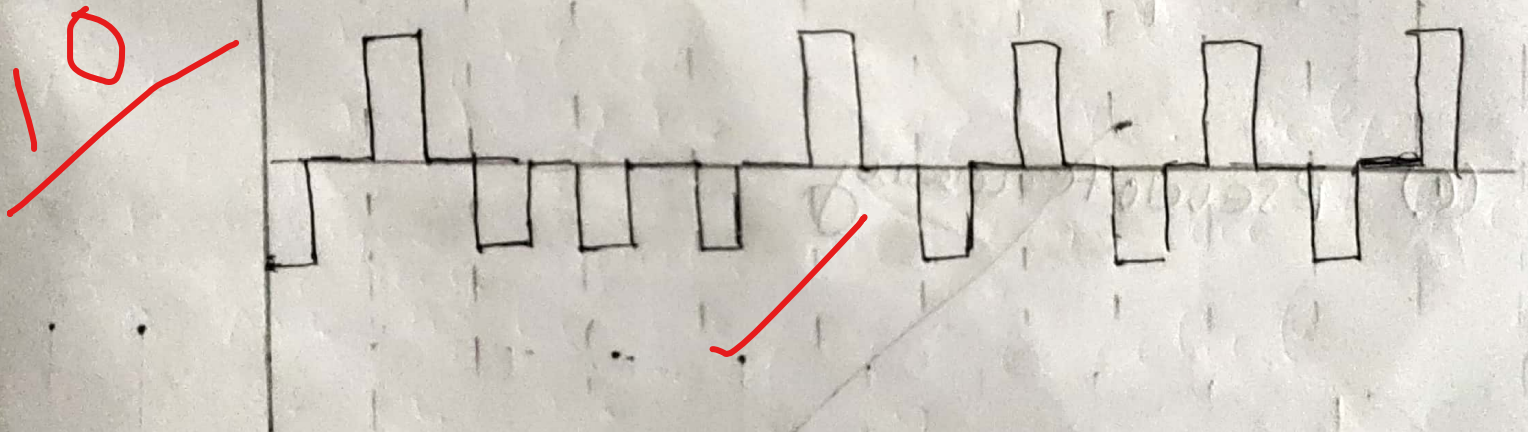
(1) my birthday is 11/09/1109

first 4 digit is 1109

$$(1109)_{10} = (010001010101)_2$$

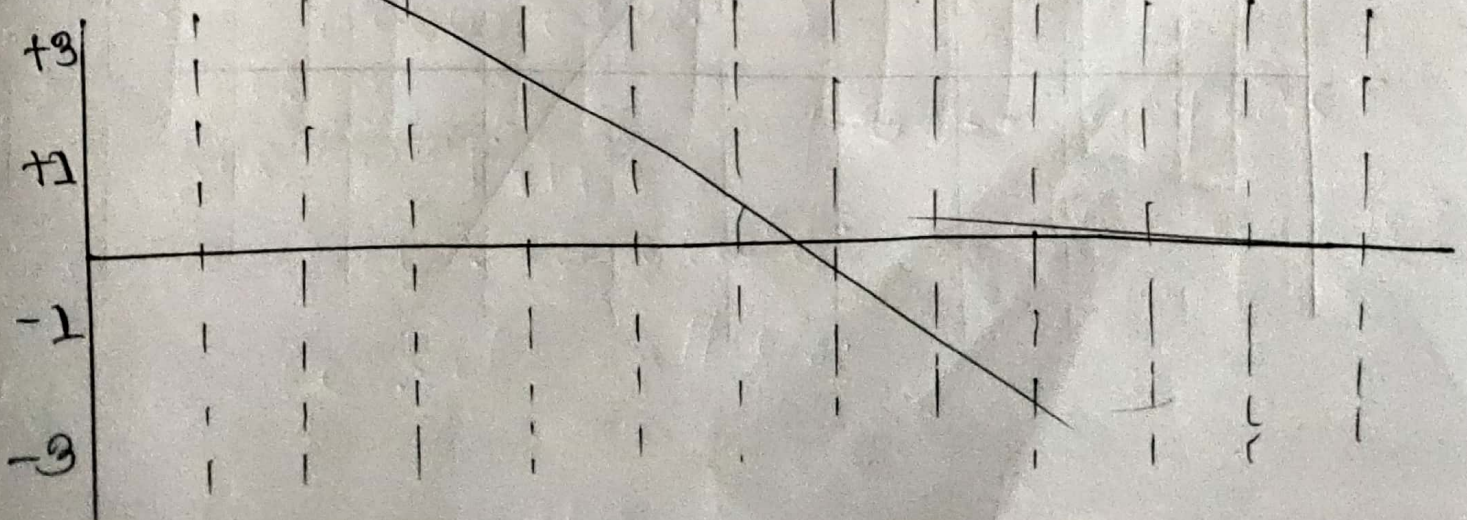
(a) RZ

0 1 0 0 0 1 0 1 0 1 0 1



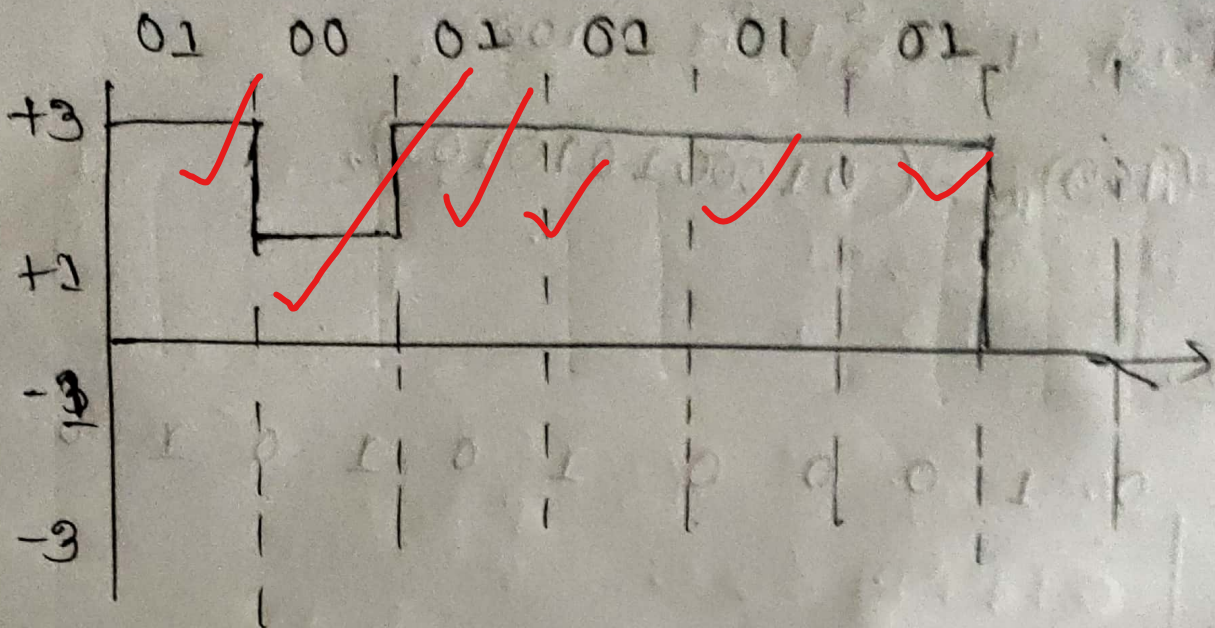
(b) 2B1Q

0 1 0 0 0 1 0 1 0 1 0 1

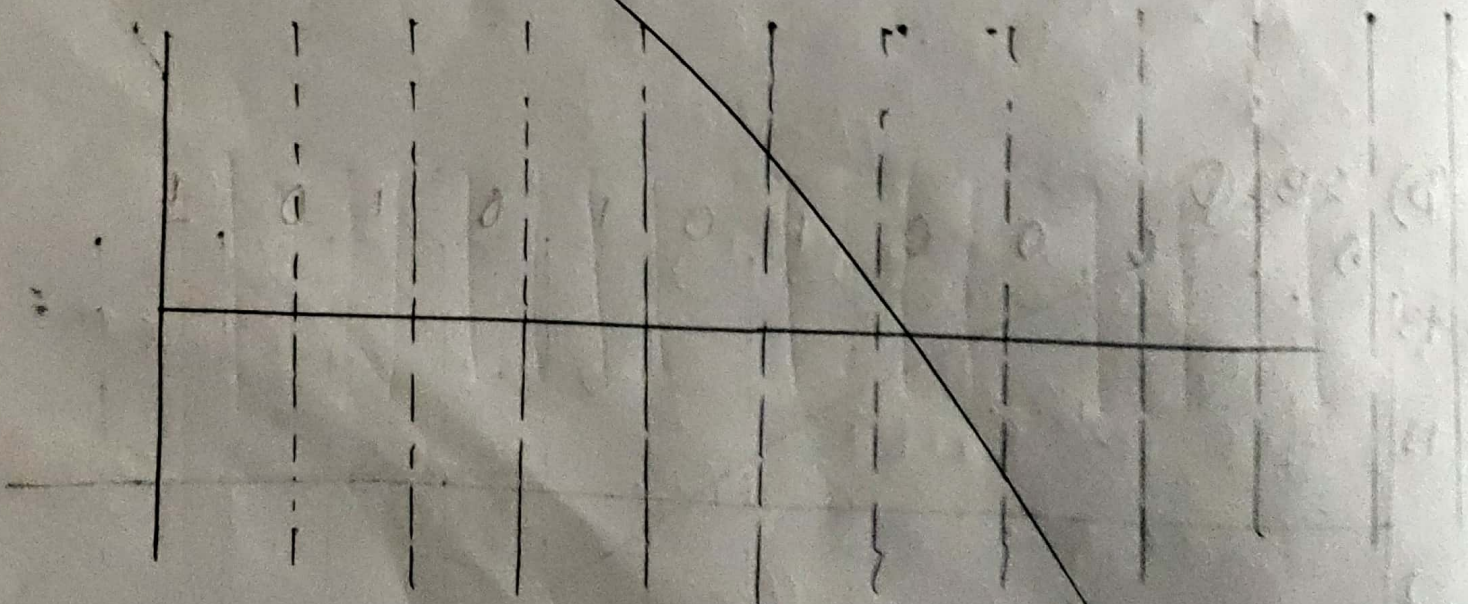




b) 2B1Q

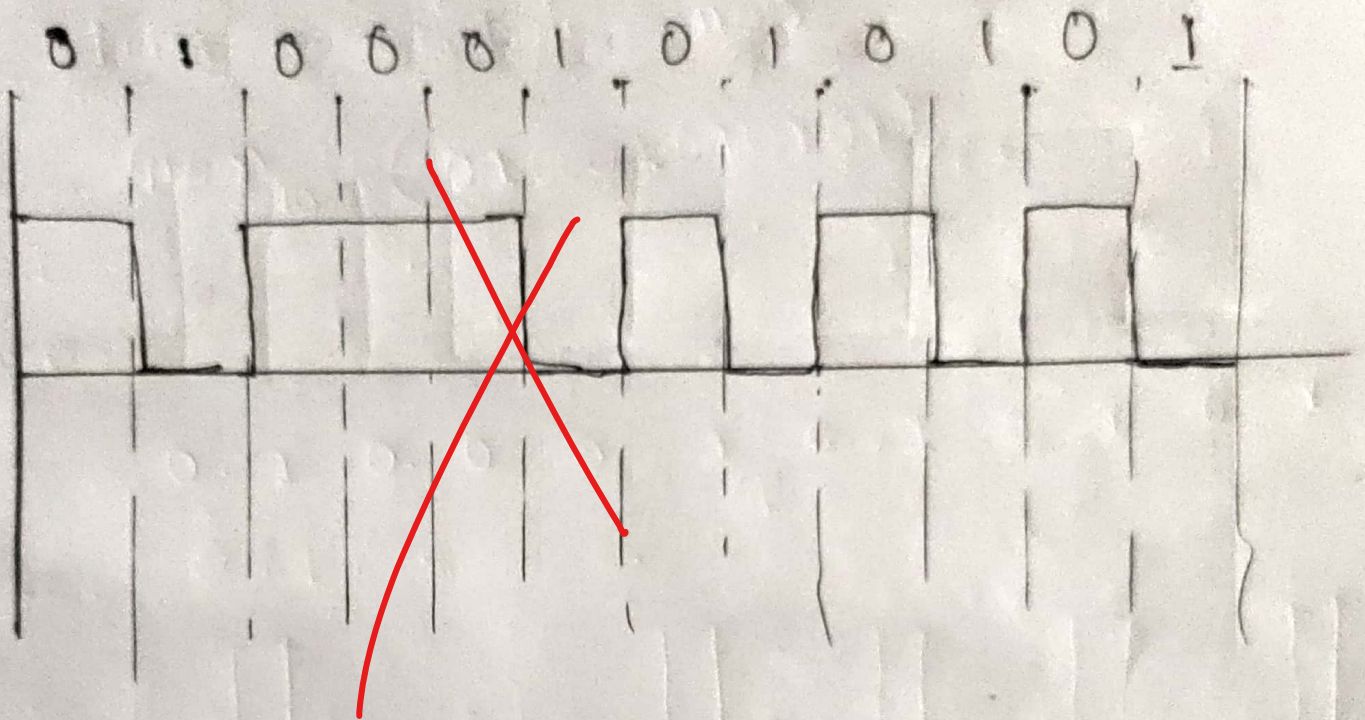


(c) pseudoternary





c) Pseudoternary



(2) I think Bipolar is better.

- Unipolar is costly, no self-synchronization if long 0s.
- Bipolar has no self-synchronization for long 0s.
- multilevel has self synchronization, no DC
- ~~multilevel~~ has no self synchronization for long 0s.