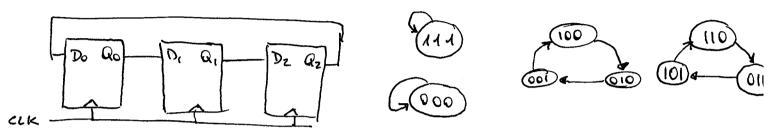
CIRCUITOS SECUENCIALES

CONTADORES

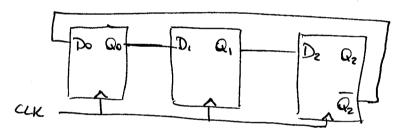
CONTADOR: Sistema secuencial que cambia de valor (estado) cuando cambia la señal de reloj.

El módulo de un contador es el mayor número de estados que puede contar.

CONTABOR EN ANILLO



CONTADOR JOHNSON



Moore: La/s salida/s solo depende del estado actual.

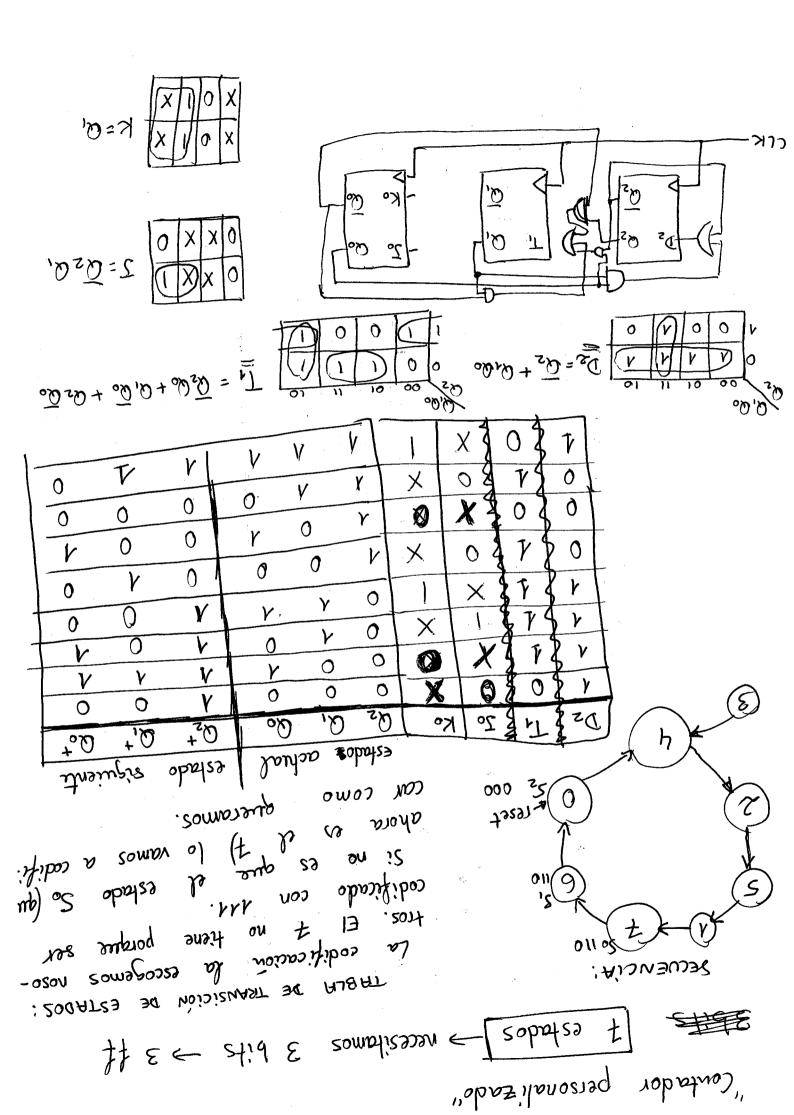
MEALY: La/s salida/s depende de la entrada y del estado actvo

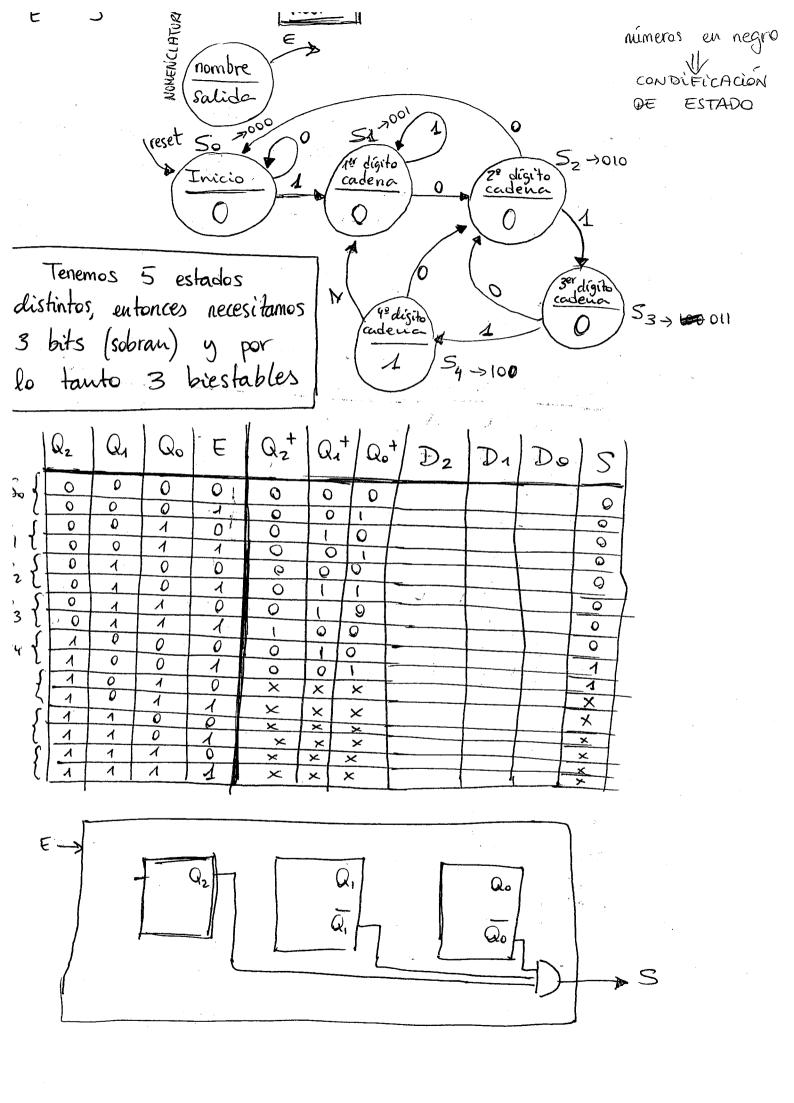
,

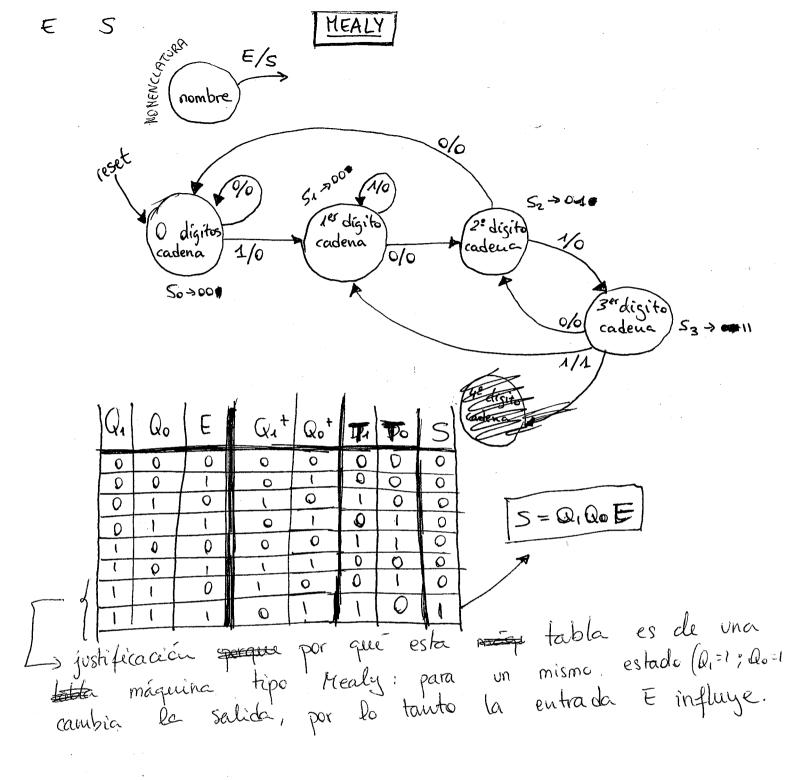
v

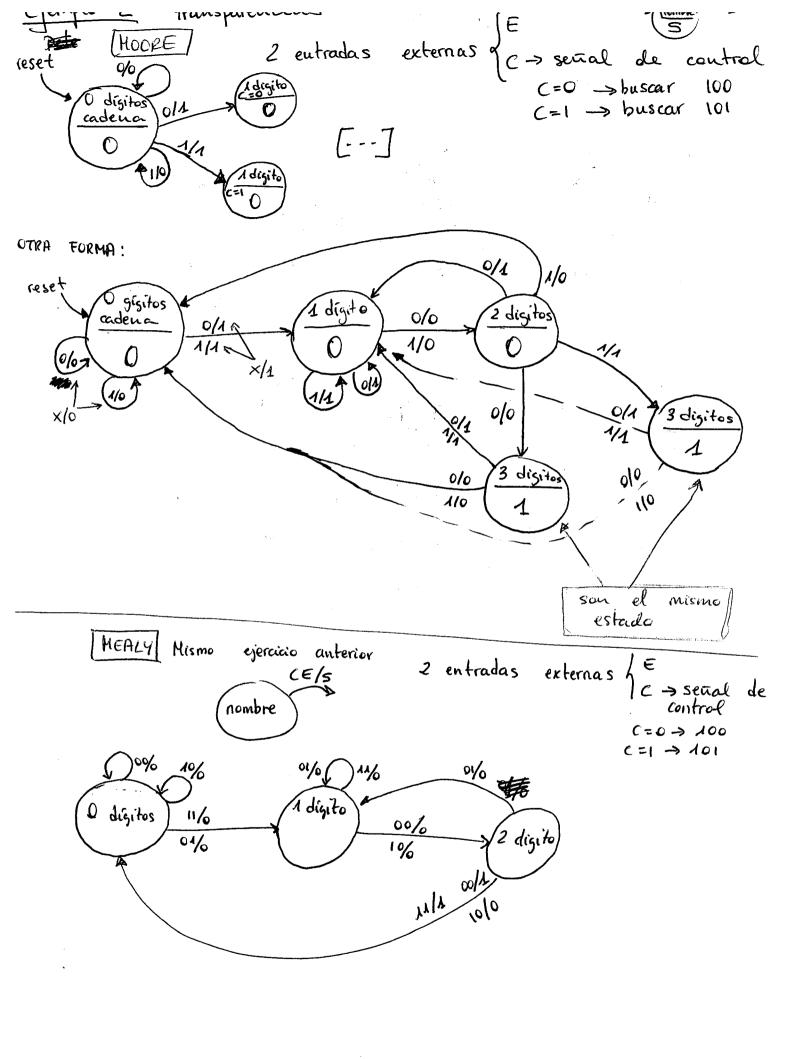
.

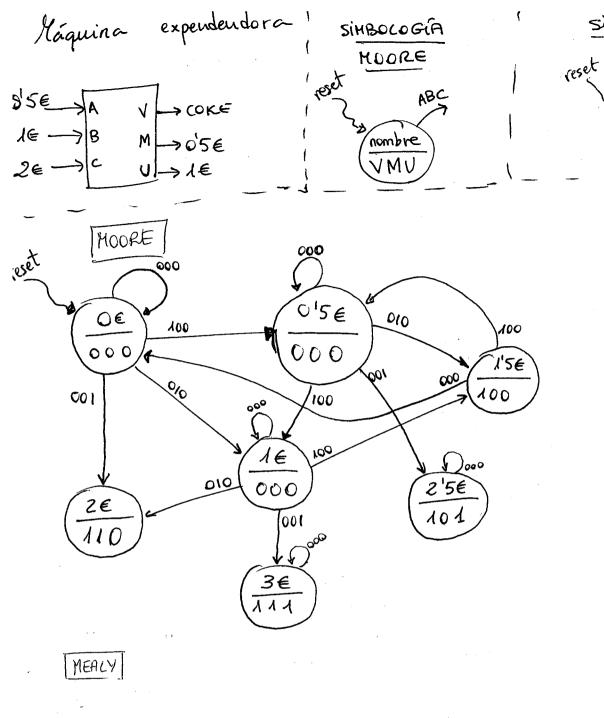
.

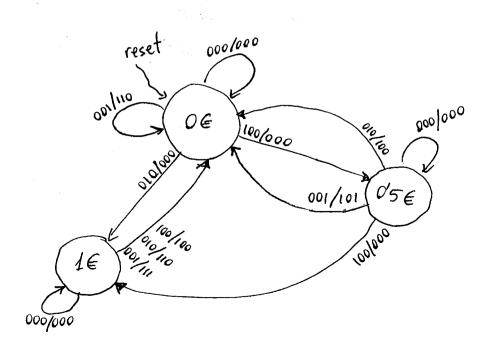










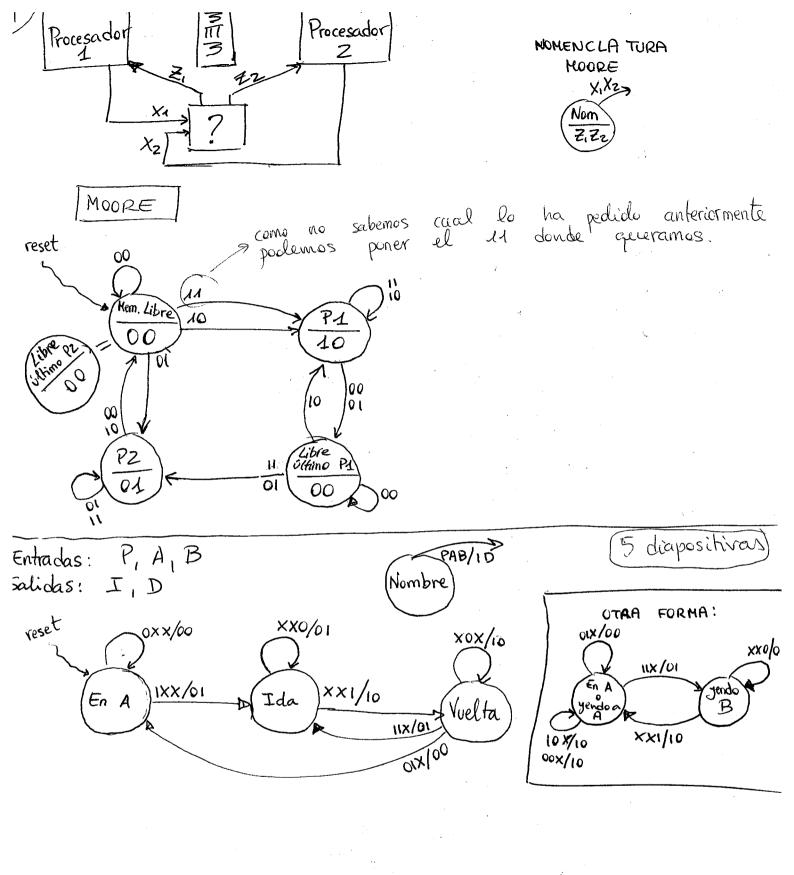


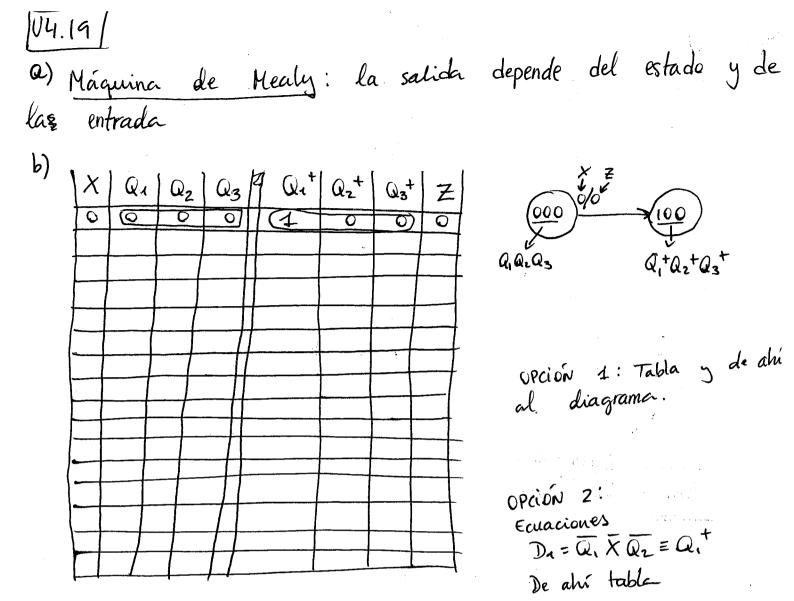
SIMBOLOGÍA

MEALY

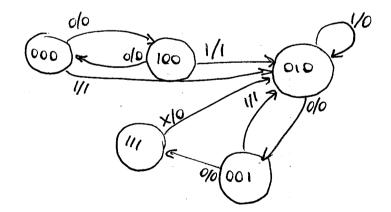
Nonibre

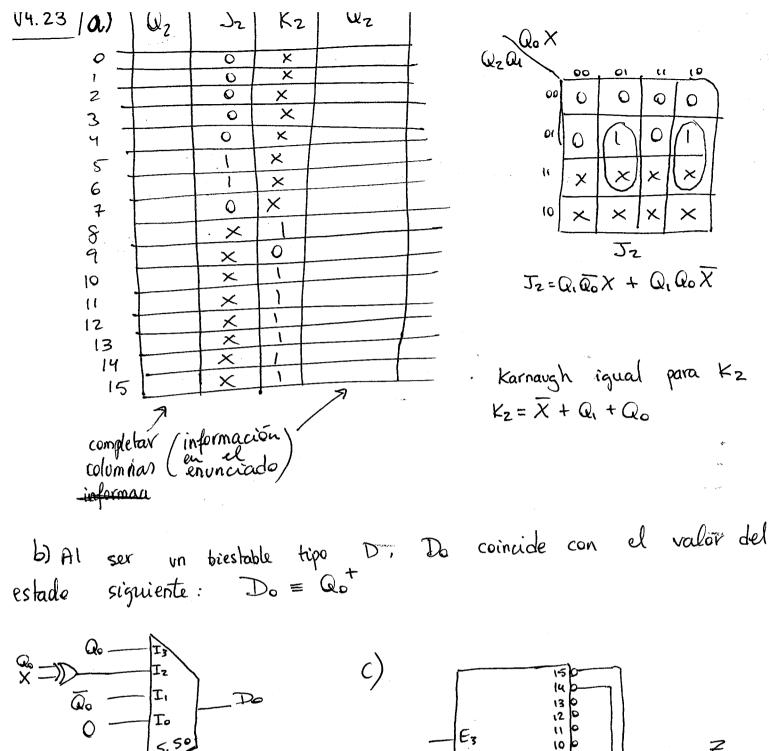
ABC/UMU





RESULTADO FINAL:





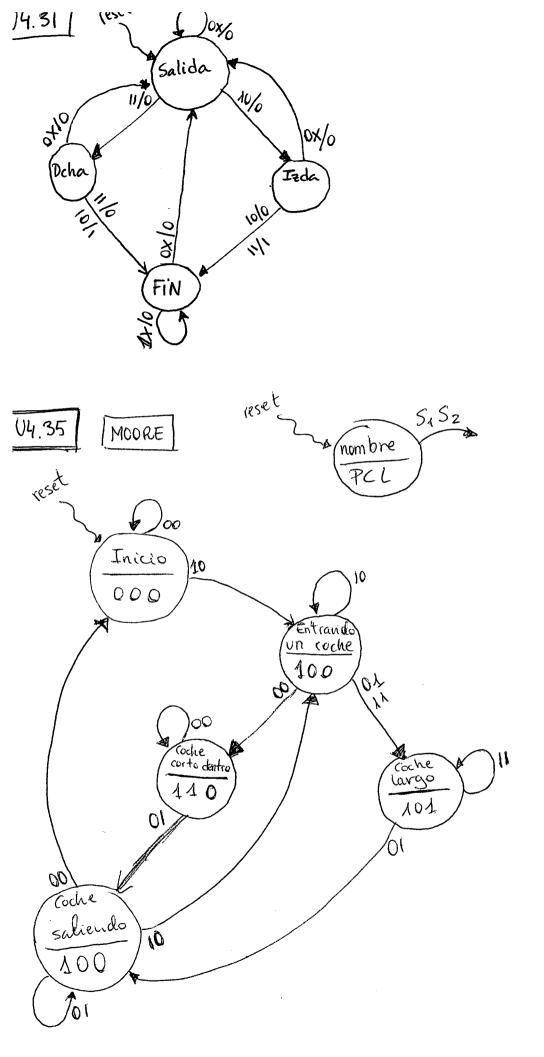
d) Mealy

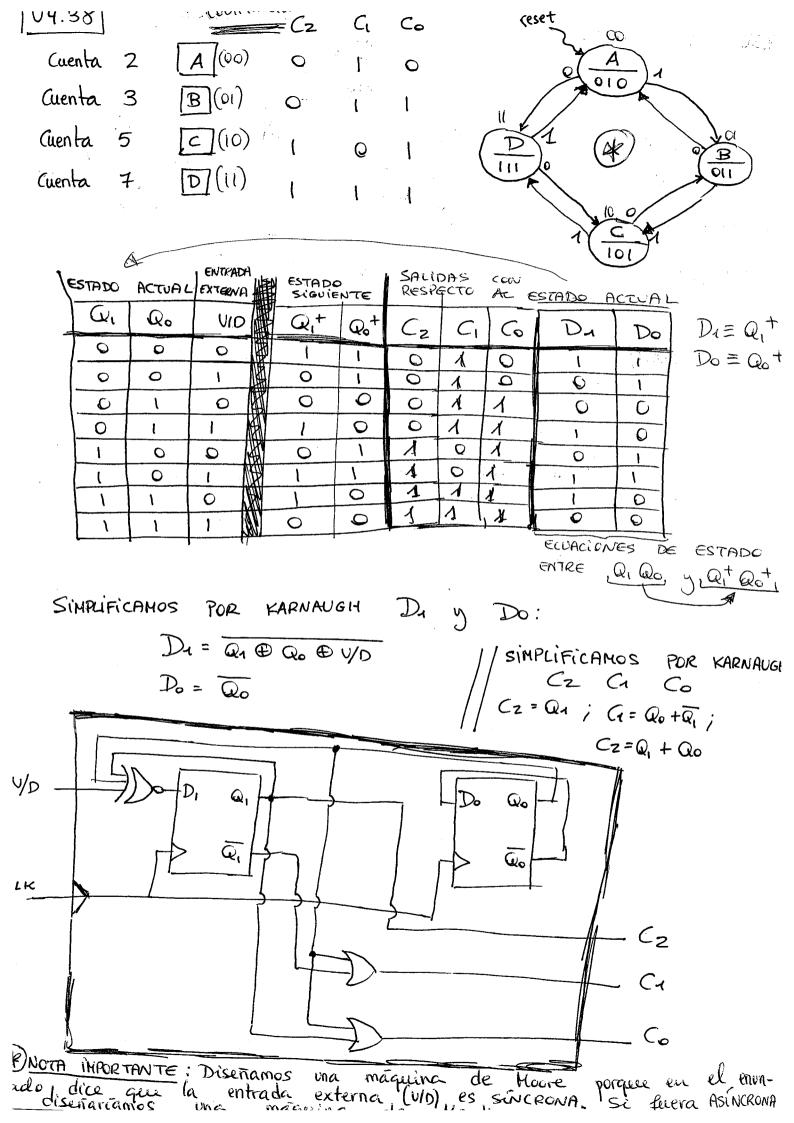
Ej: Para
$$Q_z=Q_1=Q_0=O$$
 (2 primeras lineas), x vale O y 1

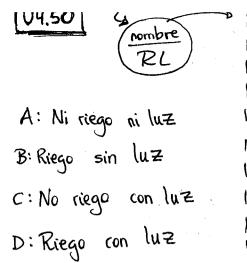
y la salida también O y 1.

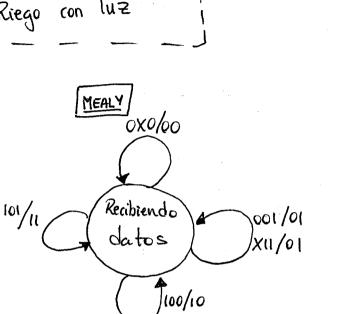
Eo.

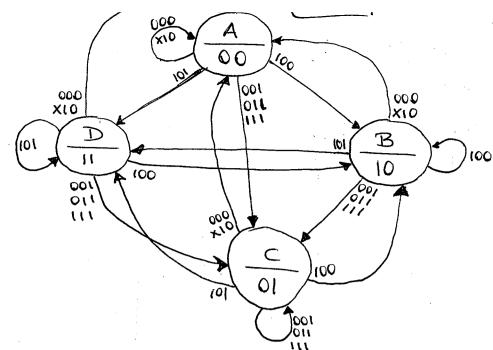
, pri :











se podría implementar esta maquina de Meahy con solo circuitos combinacionales (por ero nos da un único estado).

