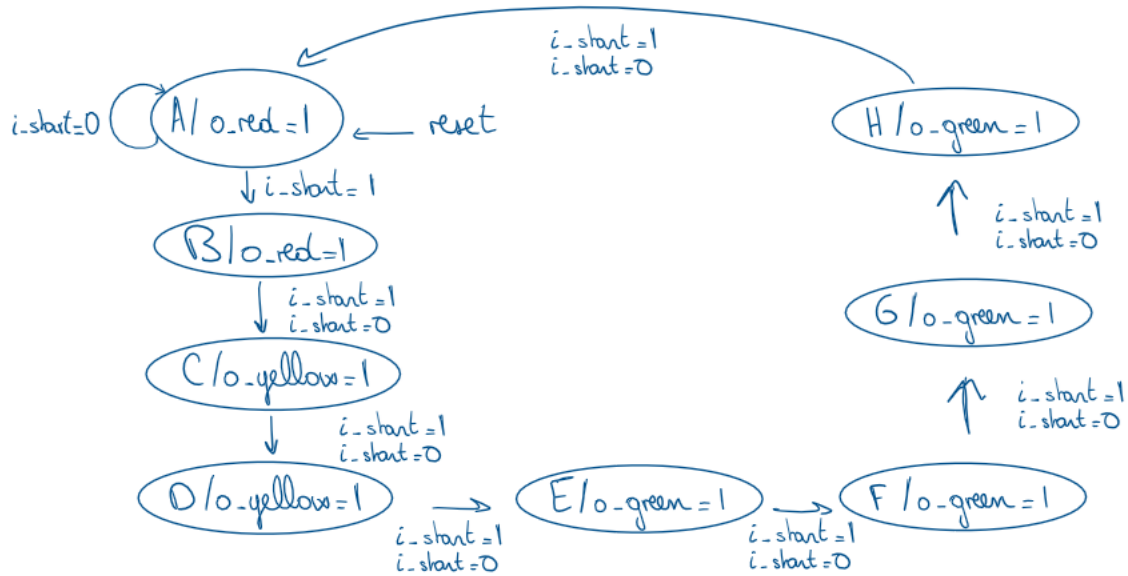


1- State diagram for the controller



2- Diagram of the controller circuit

