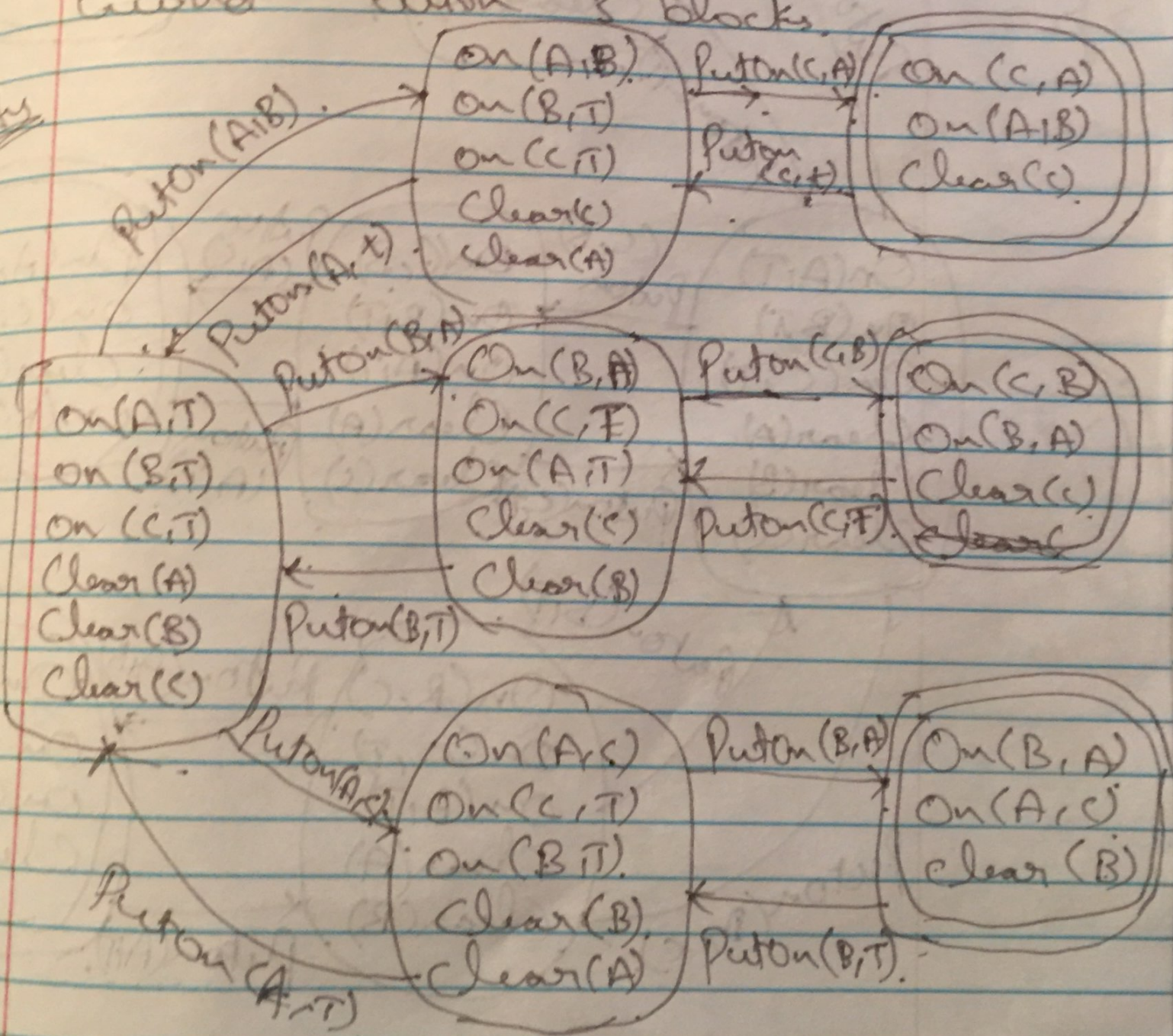


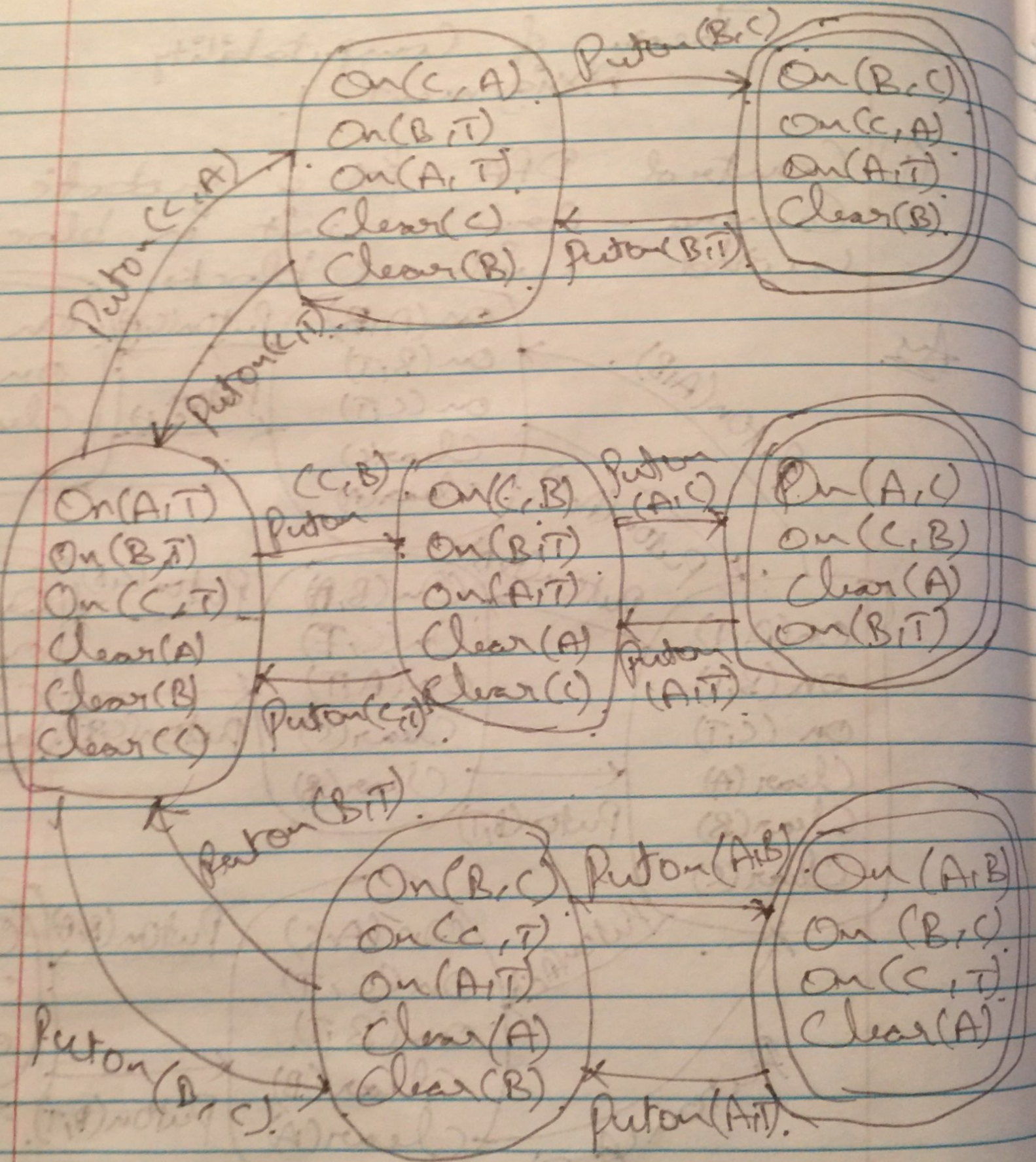
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## Theory of Computability Assignment - 1.

① Control DFA for a robotic  
Camera - Arm unit in blocks  
world with 3 blocks.









②. A DFA for Sussman Anomaly?

Problem with Sussman Anomaly is having 2 goals to reach the final position. i.e. (i) Put A on top of B & (ii) Put B on top of C.

Conflict occurs when A is on top of B and they cannot be moved onto C & vice versa.

The proposed solution is:-

