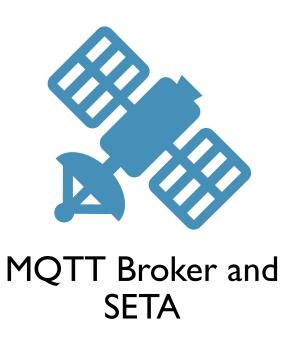


# SETA

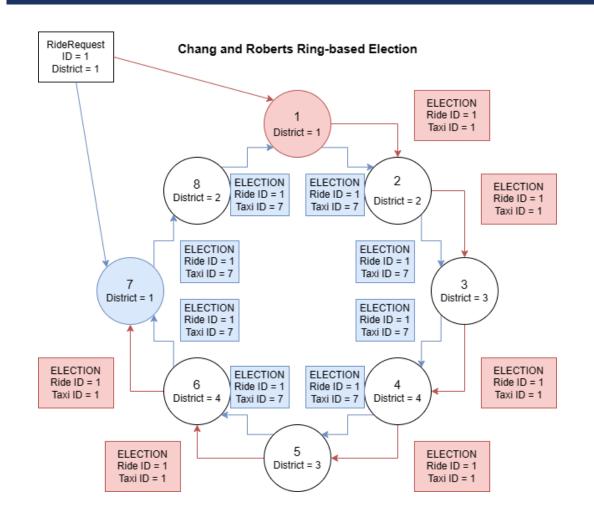
SElf-driving TAxi service





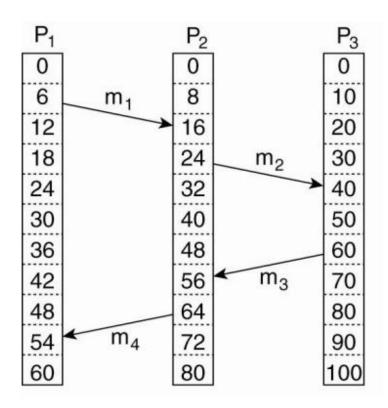


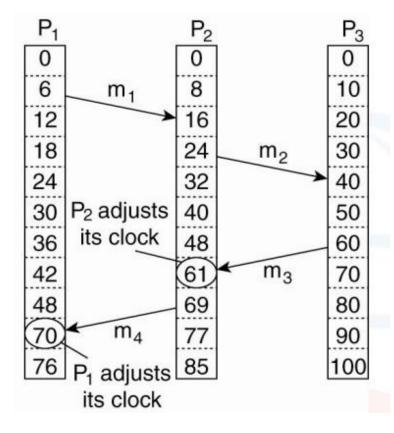
### RIDES MANAGEMENT



#### Chang and Roberts Ring-based Election RetainedRide RetainedRide SETA ID = 0District = District = x District = 1 ACCOMPLISHED Ride ID = 1 2 ELECTED ELECTED Ride ID = 1 Ride ID = 1 District = 2 District = 2 Taxi ID = 7 Taxi ID = 7 AVAILABLE District = x ELECTED ELECTED Ride ID = 1 Ride ID = 1 Taxi ID = 7 Taxi ID = 7 3 District = 1 District = 3 District = x ELECTED ELECTED Ride ID = 1 Ride ID = 1 Taxi ID = 7 Taxi ID = 7 ELECTED ELECTED 6 Ride ID = 1 Ride ID = 1 District = 4 Taxi ID = 7 Taxi ID = 7 District = 4 5 District = 3

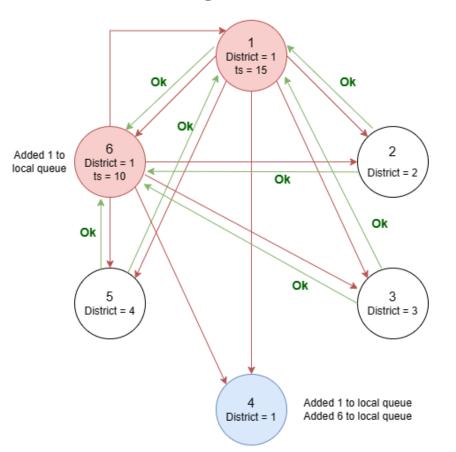
## LAMPORT'S ALGORITHM





## **RECHARGES MANAGEMENT**

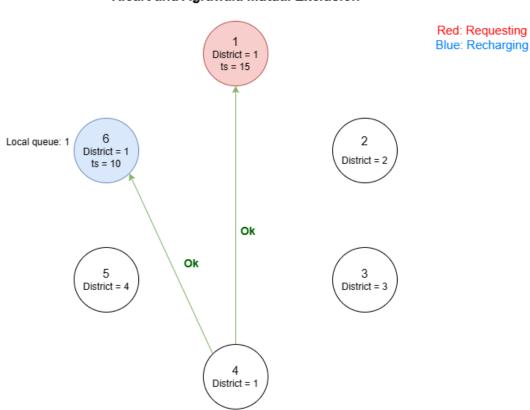
#### Ricart and Agrawala Mutual Exclusion



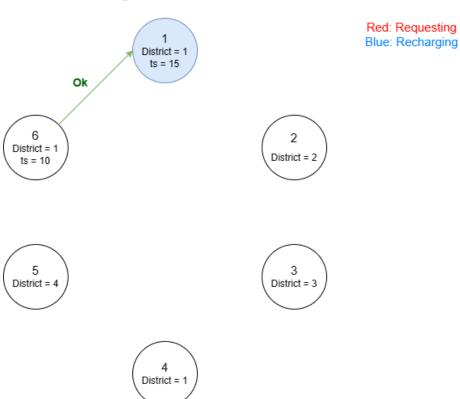
Red: Requesting Blue: Recharging

## **RECHARGES MANAGEMENT**

#### Ricart and Agrawala Mutual Exclusion



#### Ricart and Agrawala Mutual Exclusion





## THANKS

Andrea Tassi