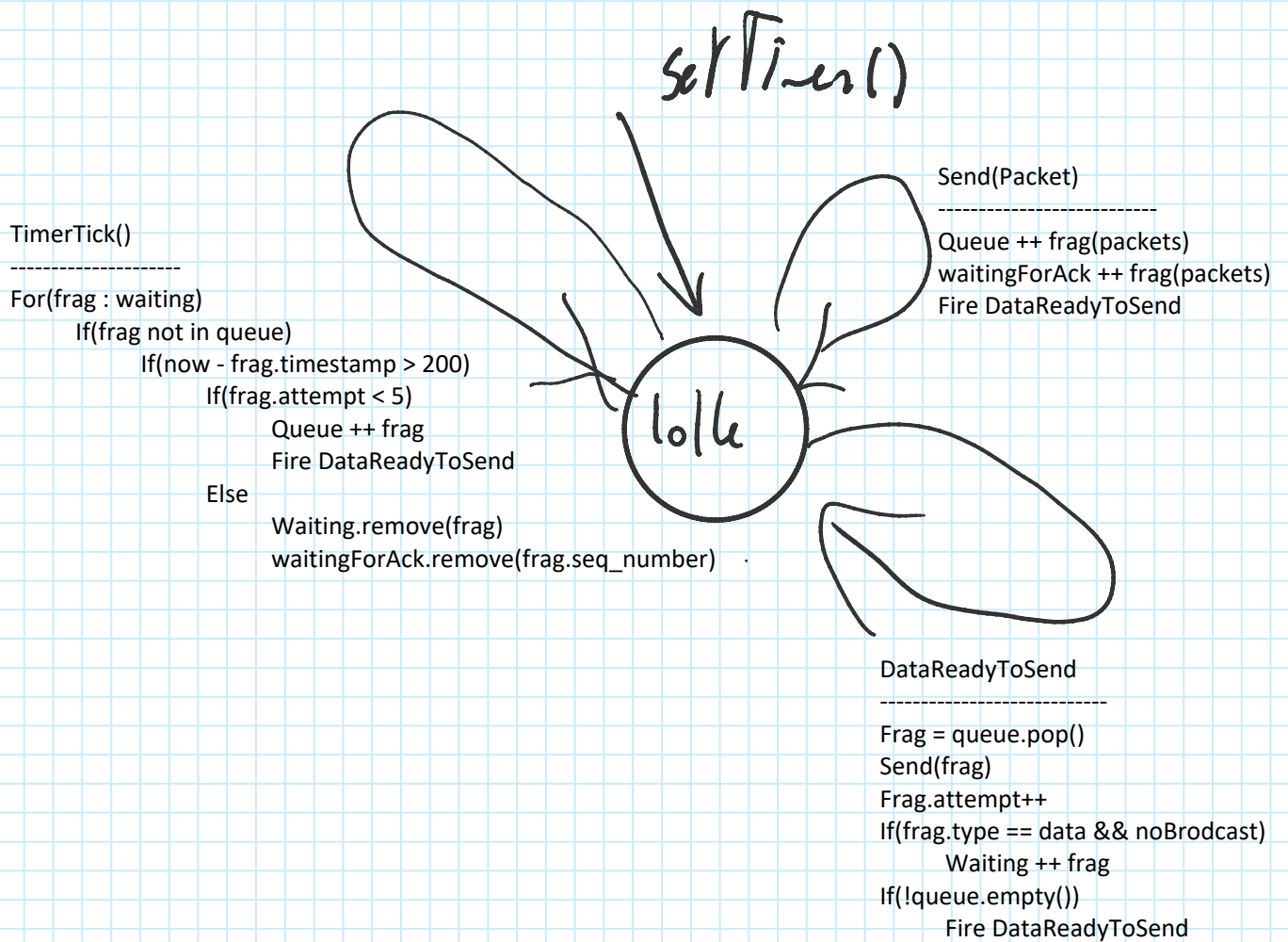


MACLAYER Macchina a stati

martedì 16 aprile 2019 15:04



sol Time 1

timerTick()

```
For(source : received)
  For(packets : source)
    If(packets.timestamp > 200*6)
      Source.remove(packets)
    If(source.empty())
      Received.remove(source)
```

DataReceived

```
Frag = receive()
If(frag.dest == us or isBroadcast)
  If(frag.type == data)
    If(notBroadcast)
      sendAck(frag)
    If(!duplicate(frag))
      source = Received[frag.source]
      Packets = source[frag.seq_number]
      Packets.add(frag);
      Packets.length += frag.length
      Packet.timestamp = now
      If(frag.isLast())
        Packets.lastReceived = true
        Packets.total = frag.frag_number
      If(Packets.lastReceived)
        If(packets.total == packets.size())
          Sort(packets)
          P = createPayload(packets)
          Packet_ready ++ p
          Fire DataReady
    Else if(frag.type == ACK)
      waitingForACK.setReceived(frag)
      Waiting.remove(frag)
      If(waitingForAck.allSent(frag.seq_number))
        Fire DataSent
```

