

Actor 1

Actor 2

cooperate

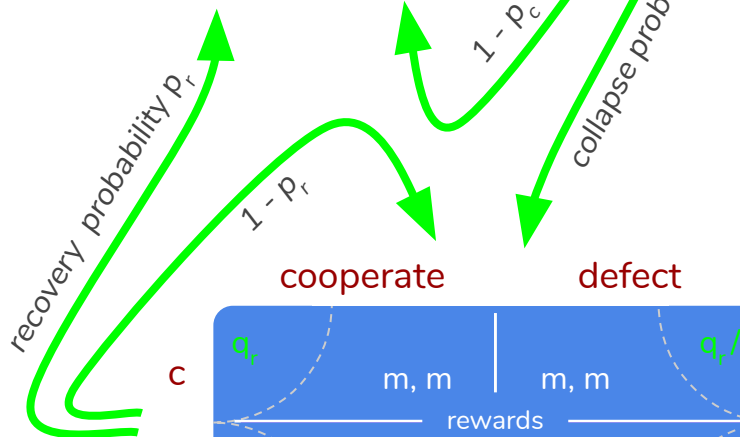
defect

c

d

| | | | |
|---------|--------------|--------------|---------|
| 0 | fc-c, fc-c | fc/2-c, fc/2 | $q_c/2$ |
| | rewards | | |
| $q_c/2$ | fc/2, fc/2-c | 0, 0 | q_c |

prosperous state



cooperate

defect

c

d

| | | | |
|---------|---------|------|---------|
| q_r | m, m | m, m | $q_r/2$ |
| | rewards | | |
| $q_r/2$ | m, m | m, m | 0 |

degraded state