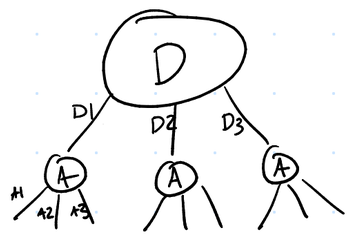
5 packets of data | window size of 2 | recovery rate: 1 resource

D: 0 encryption D1
2 encryption D2
4 encryption D3

A: 0 encryption A1
3 encryption A2
5 encryption A3

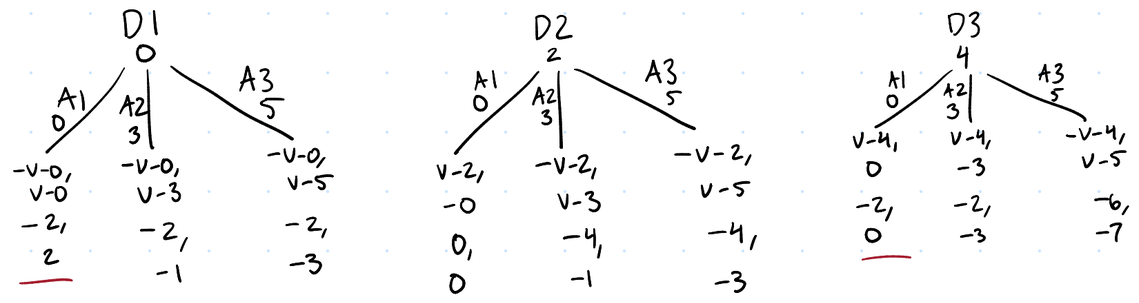
$v = 2$

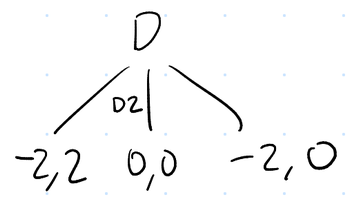


$$D_{payoff} = \begin{cases} v - D & \text{if } D > A \\ -v - D & \text{if } A \geq D \end{cases}$$

$$A_{payoff} = \begin{cases} V - A & \text{if } A \geq D \\ -A & \text{if } D > A \end{cases}$$

packet 1: D resources: 5 A resources: 5

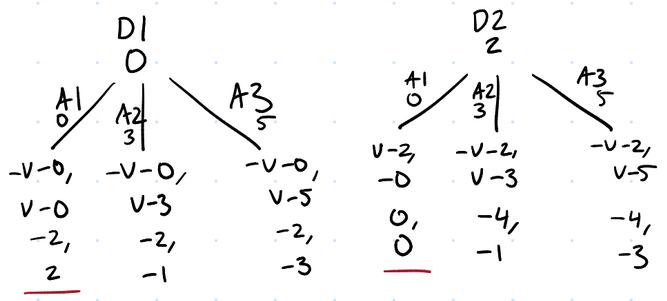




D: D2 — 0
A: A1 — 0

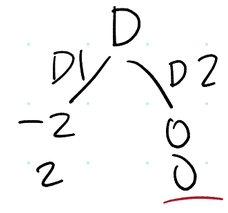
D2: 1
A1: 1

packet 2: Dres = 3, Ares = 5



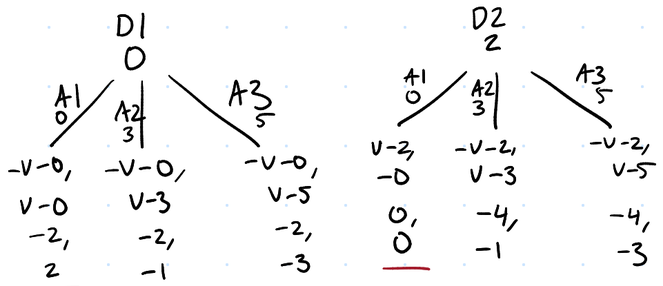
D3 / 4 — $3 \leq 4$

D: D2 — 0
A: A1 — 0

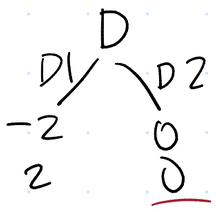


D2: 2
A1: 2

packet 3: Dres 2, Ares = 5



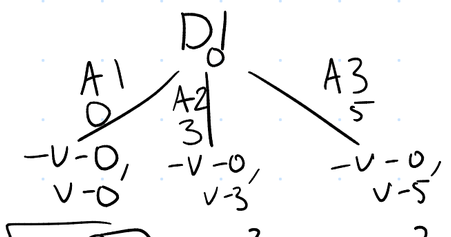
D3 / 4 — $2 \leq 4$



D: D2 — 0
A: A1 — 0

D2: 3
A1: 3

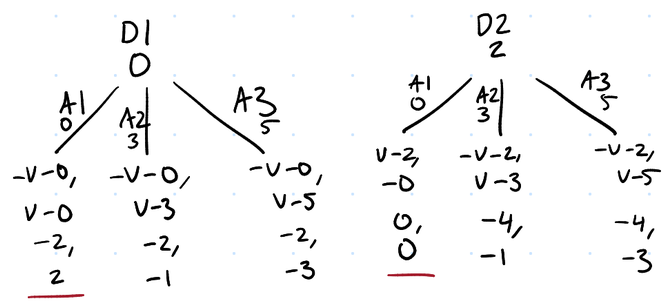
packet 4: Dres 1, Ares = 5



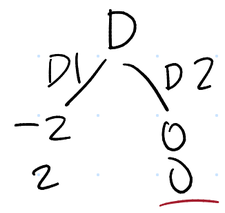
D: D1 — -2
A: A1 — 2

D1: 1
D2: 3
A1: 4

packet 5 : Dres 2, Ares = 5



$2 \leq 4$



D: D2 − 0
A: A1 − 0

D1: 1
D2: 4
A1: 5

Totals

D payoff: 0+0+0−2+0 = −2 → A wins

A payoff: 0+0+0+2+0 = 2

$D1\%\ used = \frac{D1}{D1+D2+D3} = 20\%$ $A1\% = \frac{A1}{A1+A2+A3} = 100\%$

$D2\%\ used = \frac{D2}{D1+D2+D3} = 80\%$ $A2\% = \frac{A2}{A1+A2+A3} = 0\%$

$D3\%\ used = \frac{D3}{D1+D2+D3} = 0\%$ $A3\% = \frac{A3}{A1+A2+A3} = 0\%$