```
a = (1, 1, 2, 1)
                \psi^* + h(a) = 100 + 0.1 h(a) + 0.3 h(b) + 0.6 h(c) + 0.3 h(d) + 0.2 h(b) + 0.5 h(c) + 0.3 h(d)
k=1
h=1

\varphi^* + h(c) = 350 + 0.8 h(a) + 0.2 h(b)

\varphi^* + h(d) = 500 + 0.8 h(a) + 0.1 h(b)

h=2
                                                                  + O.1 h (d)
k=1
                  h(a) = 0
                    φ*= 219.24 and h= (0, 97.10, 150.18, 322.75)
           Let i=a, check h=1 and k=2
              y^* + h(a) \le 100 + 0.1 h(a) + 0.3 h(b) + 0.6 h(c)

y^* + h(a) \le 300 + 0.6 h(a) + 0.3 h(b) + 0.1 h(c)
    true
     frue
            Let is b, check kil and kir
                     φ * + 4(4)
                     If instead h(b) = 0 \implies h(a) = -97,10
```

Assume there is a cost of c per step

Then total discounted is $V = \sum_{n=0}^{\infty} \alpha^n C$ $\Rightarrow V = C \cdot \int_{-\infty}^{\infty} d^n C$

If vis total discounted cost
then equivalent cost per step = (1-a) v

Step 1:
$$a_{0} = (1, 1, 1)$$

Step 2: $f = (100^{\circ}, 125, (150) 500)$

$$f = (100^{\circ}, 125, (150) 500)$$

$$f = (100^{\circ}, 125, (150) 500)$$

$$f = (100^{\circ}, 125, (150) 500)$$

$$f = (100^{\circ}, 125, 125)$$

$$f = (100^{\circ}$$

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