



$$PW_A = -55 + (28-11) \left(P/A, 10, 5 \right) + 12 \left(P/F, 10, 5 \right) = 16,894$$

$$PW_B = -71 + (34-13) \left(P/A, 10, 5 \right) + 20 \left(P/F, 10, 5 \right) = 21,024$$

$$PW_{B-A} = -16 + 4 \left(P/A, 10, 5 \right) + 8 \left(P/F, 10, 5 \right) = 4,130$$

$$PW_{B-A} = -16 + 4 \left(P/A, 10, 3 \right) + 8 \left(P/F, 10, 3 \right) < 0$$

$$\left(B/C \right)_{B-A} = \frac{4 \left(P/A, 10, 5 \right) + 8 \left(P/F, 10, 5 \right)}{16} = 1,25 \Rightarrow B$$

$$\left(B/C \right)_{B-A} = \frac{4 \left(P/A, 10, 3 \right) + 8 \left(P/F, 10, 3 \right)}{16} < 1 \Rightarrow A$$

$$IRR_{B-A} : -16 + 4 \left(P/A, i_{EBA}, 5 \right) + 8 \left(P/F, i_{EBA}, 5 \right) = 0$$

12%

$$-16 + 4 \left(3,6 \right) + 8 \left(0,57 \right) = \approx 3 > 0$$

20%

$$-16 + 4 \left(3 \right) + 8 \left(0,4 \right) = -0,8 < 0$$

$$\left(B/C \right)_{B-A} = \frac{4 \left(P/A, 25, 5 \right) + 8 \left(P/F, 25, 5 \right)}{16} < 1 \Rightarrow A$$

$IRR_{B-A} \in (12, 20) > 10\% \Rightarrow B$

1a

butq. A, butq. B

$$B > A \quad \left(\frac{B}{C} \right)_{B-A} = 1,25$$

8) Sw butq. oite A oite B
du pis enlyyvi $\Rightarrow A$
 $(B/C)_{B-A} = 0,99$

8) filo te (B)
 $(B/C)_{B-A} = 0,83$

Olo kysydykset 20
uokos sumojen suojatun
nro sumojen.

8) Jos kassa ja loppu
tuotokset on eka (8,5)
Suoj. 40 x 20 x 20
Kun otetaan 20
B-A cashflow
ja IRR_{B-A}.

$$P/A, 10, 5 = 3,79$$

$$(P/A, 10, 3) = 2,48$$

$$P/F, 10, 5 = 0,62$$

$$(P/F, 10, 3) = 0,75$$

$$A/P, 10, 5 = 0,26$$

$$A/F, 10, 5 = 0,15$$

$$(P/A, 25, 5) = 2,69$$

$$(P/F, 25, 5) = 0,33$$

A

B

B