Portfolio Analygis: Two sticles: A & B TA: return of stock A at periodi. TA = _____ Average $= \sum_{i=1}^{N} (\Gamma_{i}^{A} - \Gamma_{A})(\Gamma_{i}^{B} - \Gamma_{B})$

SAID = No correlation by any variable and D.

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Let's from a portflio:

A,B

Objective: Min Msk, Max Hetern

Budget: \$100

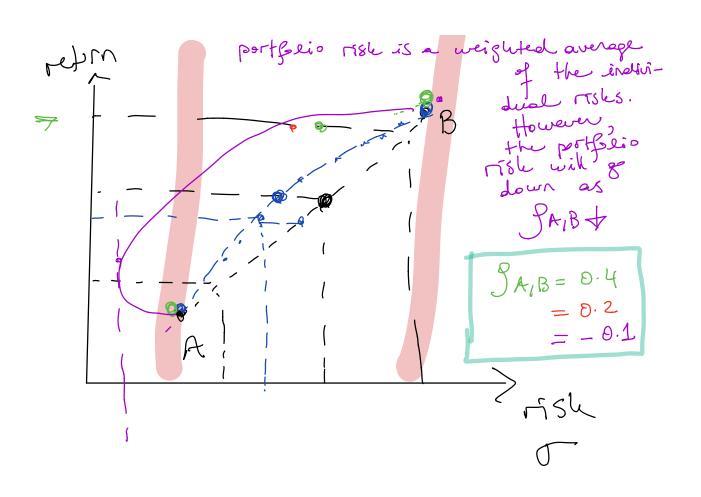
We can calculate and find numeric. TA, TB, TA,B, TA,B

yours from datos. TA, TB, TA,B, TA,B

WA: weight of A in the portfolio WB: "B" "

WATWB= | Note that WA>O, WB>O is NOT or requirement. D: portfolio WA of \$100 invested on A WB of \$100 u u B E(F) = Fp = WAFA + WBFB. refin Assume $f_{A,B}-z$,

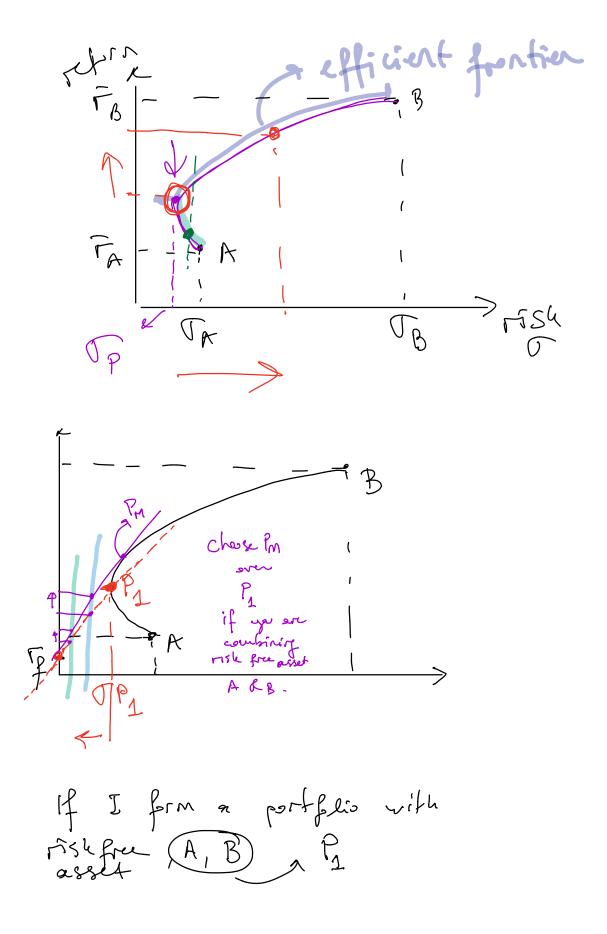
then $V_{A}UP) = J_{p}^{2}$ $= W_{A}J_{A}^{2} + W_{B}J_{B}^{2}$

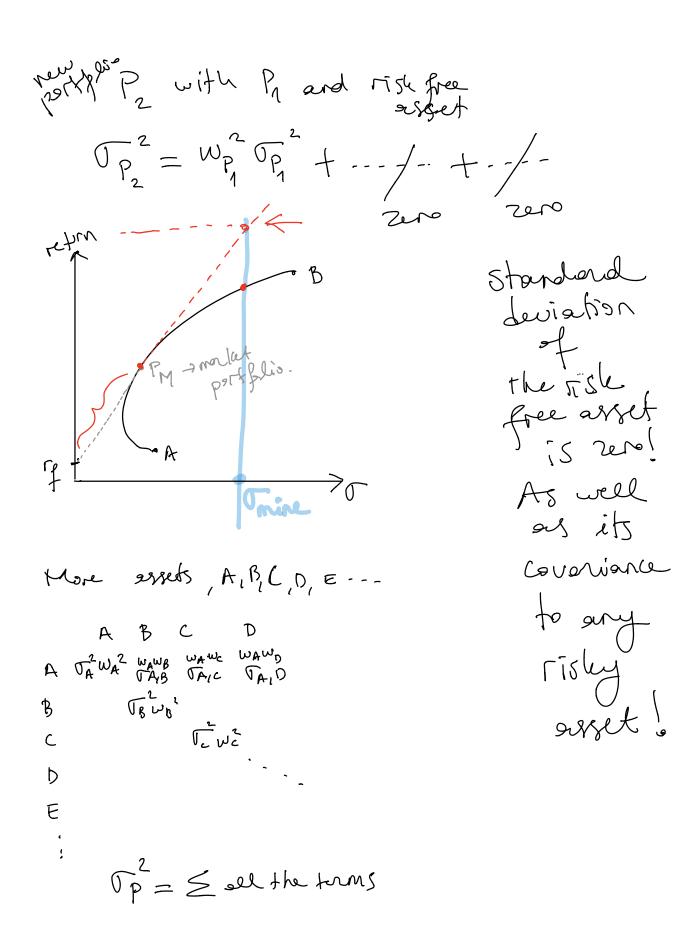


Min
$$\int_{P}^{2} = W_{A}^{2} \int_{A}^{2} \int_{A}^{2} \int_{B} W_{A}(I-W_{A}).$$
 V_{A}
 V_{A}
 V_{A}
 V_{A}
 V_{A}

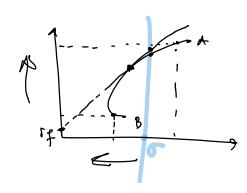
WB= LWA

will set with the same of the





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Numeric examples of paritive & negative !