(=) Plapple, march J = 0.8h. 15%. = 0.5%. = 0.5%. = 0.5%. = 0.5%.

Same as high, march J = 0.035. J = 0.035.

b) As the weights of the two stocks are postive and p between them +1, the standard deviation of the portfolio is less than the weighted average of the standard deviation of each stock Op =18,71%. Weighted average = 0,35 × 0,315 + 0,65 × 0,174 = 27,35% This comes from the diversification effect as we care knowing the idiospheratic ush from the volatility c) We first search Btesla ElRtesla) = If + Btesla (ElRm) - Nf) (=) β lesla = $\frac{E(R_{\text{ted}}a) - r_f}{E(R_{\text{m}}) - r_f} = \frac{15\% - 3\%}{10\% - 3\%} = 1,71$ Bp is the weighted average of the Bek composing The parfolio: Pp = Wa. Papple + Wt. Ptela = 35%. 0,84+0,65.1,71

d) from the Indications, we can indicate and that there is a market portfolio and we only have Two stocks. On partfolio is probably Immelficient and so there is absorphicatic righ in it. It also contains systematic rish we have reduced of idiagram having two stocks instead of only one). The systematic rish is not disciouable. All portfolios contacons this rich as it is the one that gives contribution: Rish premise. Idiosyncialise Variance = 0p2 - Bp2. om = 0,035-1,412 (15:1)2 = -3,73 × 10-3 Very small I know it washs for one stock OE = oi - Bi? om I guersed it was possible for a portfolio too.