$M_i = E(x_i)$ Fit -> return of its asset at time T $\mathcal{J}_{t} = \left| \frac{3}{2\pi} \left(\mathbf{r}_{it} - \mathcal{M}_{i} \right) \mathbf{x}_{i} \right|$ $M_i = E(\sigma_i) = \int_{t=1}^{T} \sum_{t=1}^{T} it$ 20 min sale of selin [L1-rok model] is

Min I & Jt

T't=1 required by 8.t yt - E Cit xi 7, 0 yt + \(\frac{1}{121} n. \) (15 sheet) (ands) Exi = Mo U: -> max. amount of money which can be invested in the arket ai initial wealth (T= 122) (Mo=1) Tit - seelization of the sandom Mariable Di during the period t Min I Syt Note: initial weelth (Mo = 1)

a: = amets = n = 15) Xi - amount of money to be invested in asset air out of Mo (ri) > sekion of the anet ai Hi -> expected setum sate of the assets Qi

Qi' = E(1>i-Mil) -> absolute deviation of hi from
its mean expected setum of posspolio = H = E/ Esixi) = EHixi