What is Microeconomics?

It is the theory about the determinants of

agents actions and about their consequences in:

Single monkets:

economy as a whole

bantial

general economic Leguilibrium economic environments in which agents have no market power are analysed by means of

barametric theories: the information used by agents to

take their decisions is summarized by a set of known parameters. For instance, the set of market prices is taken as given by a firm without market power.

market-power -> mon-parametric th.

agents behave strategically

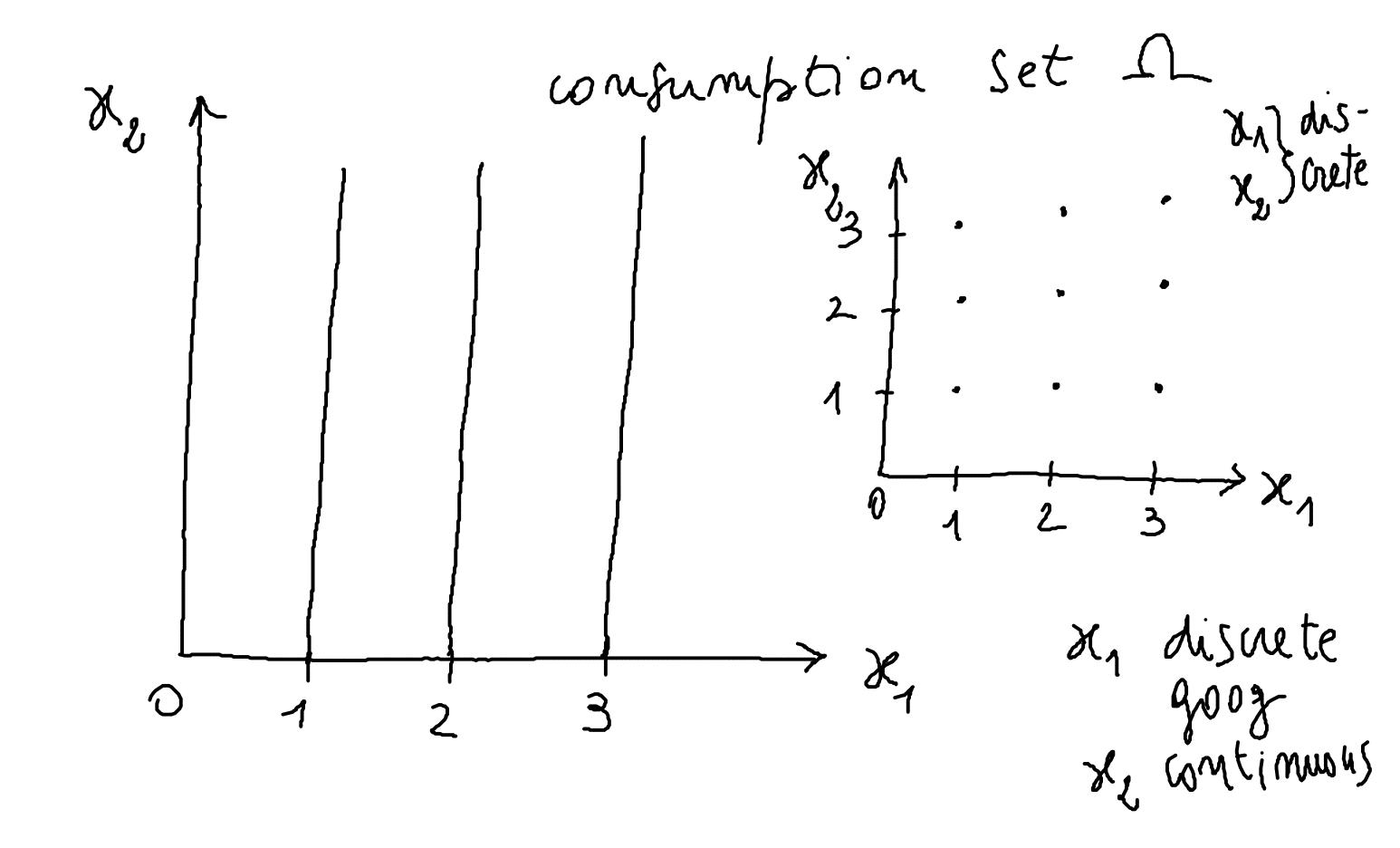
example: 'Oligopoly', markets with asymmetric information

Theory of Confumer Choice type and number of goods χ_1, χ_2, χ_3 good's prines f_1, f_2, f_3 endowment of money income m

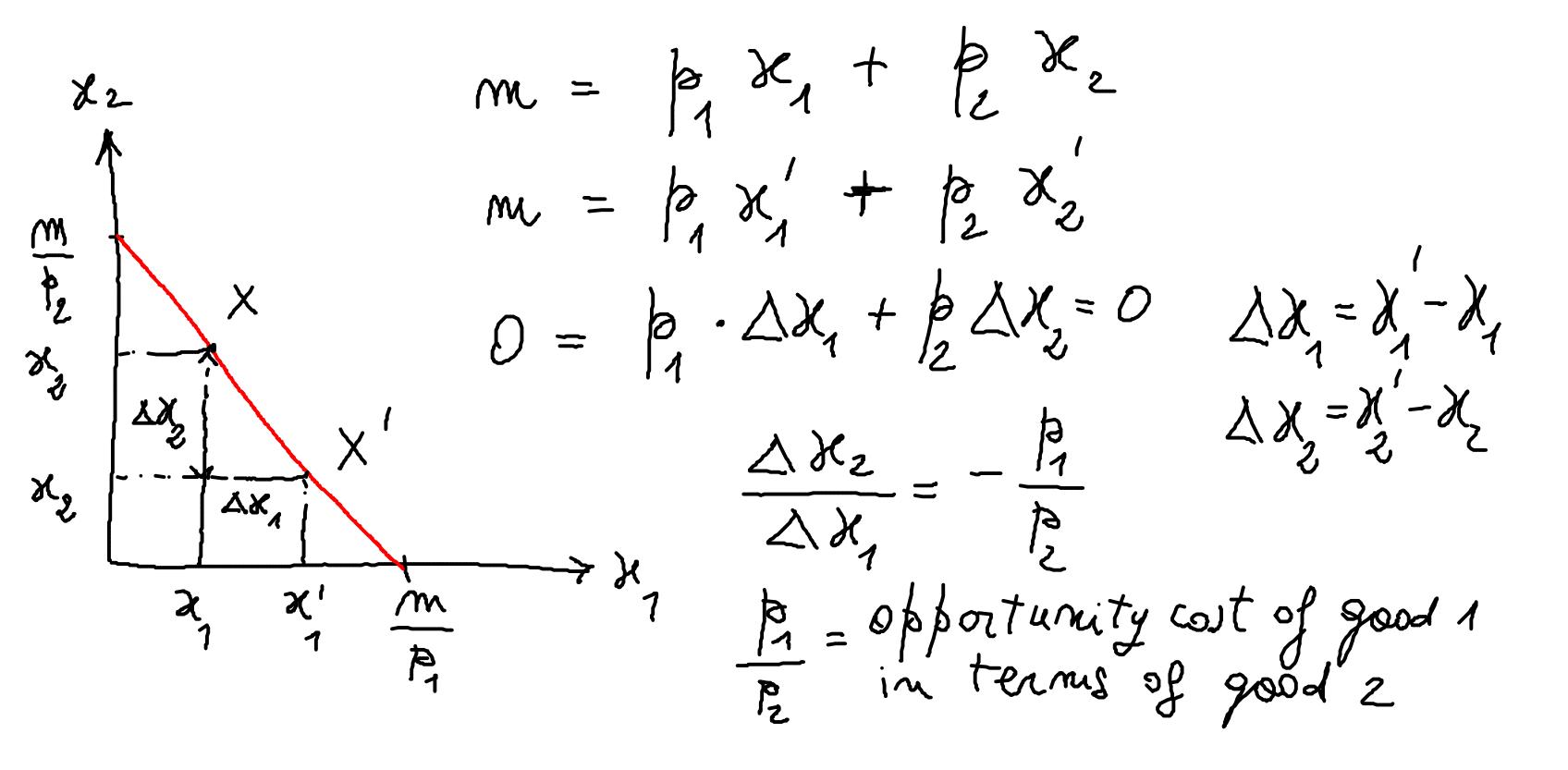
physical endowment (1) (2) (3) $\mathcal{M}(k_1,k_2) = \omega_1 \cdot k_1 + \omega_2 (\omega_1, \omega_2)$

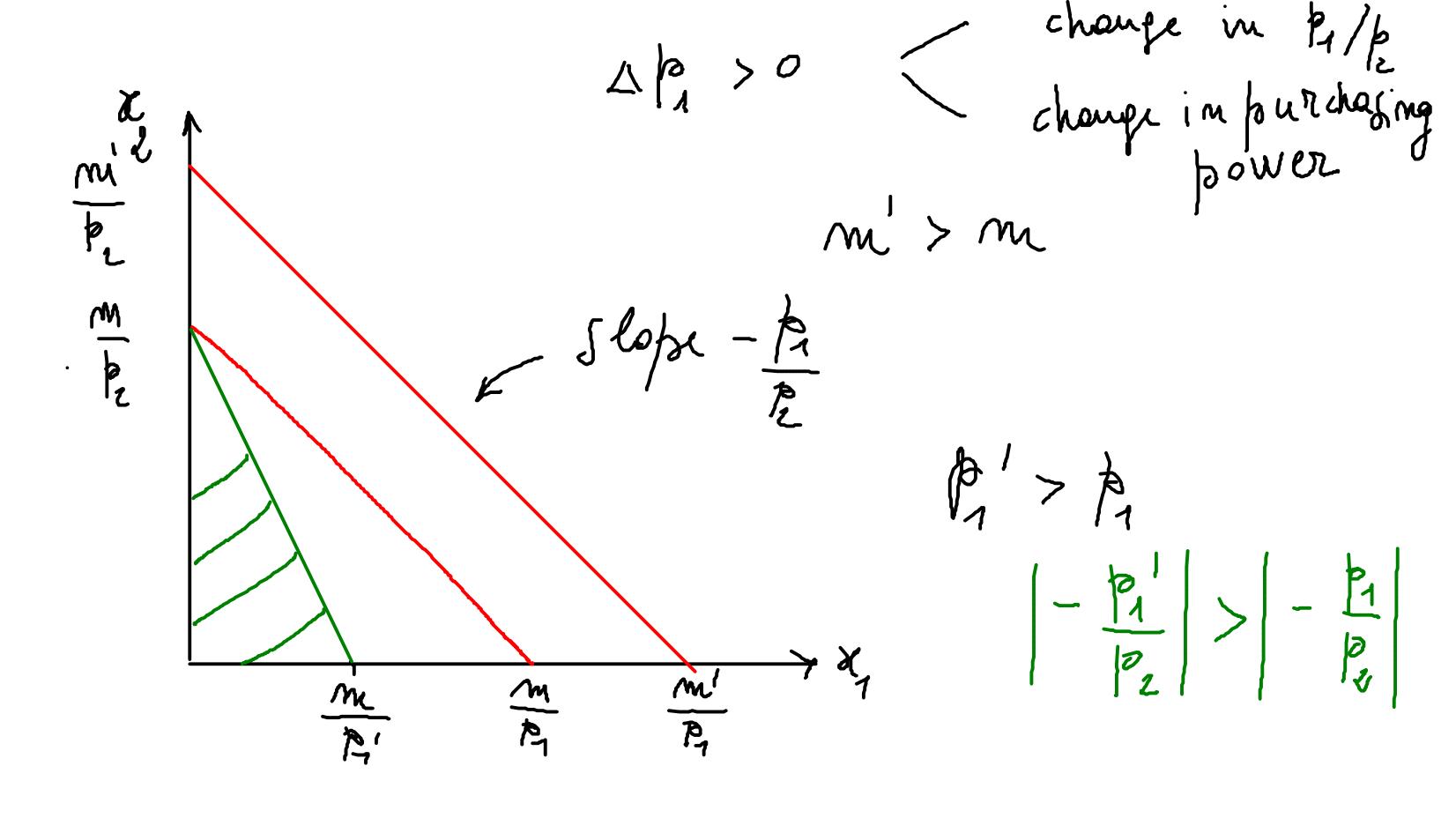
Budget set: set of bundles of goods the consumer can buy with her money income

a good, say X1 is defined by - physical properties - date of availability location - State of mature

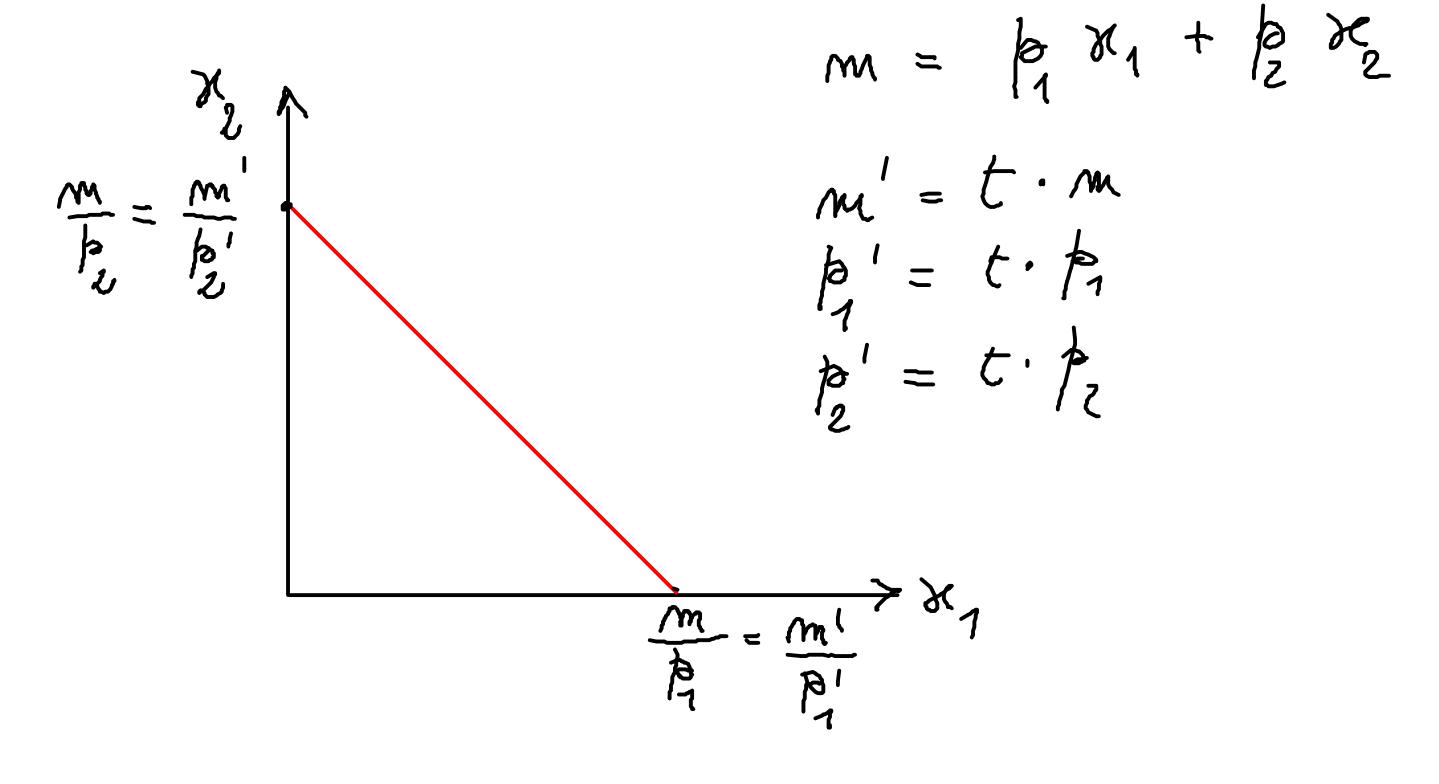


Data: Budget set $\left\{ \left(\chi_{1}, \chi_{2} \right) \middle| \chi_{1} \middle| + \chi_{2} \middle|_{2} \leq m \right\}$ budget line: X, > + X >=





a proportional change of all money prices and money income leaves the budget line unchanged



mumeraire is the muit of measure of prices and money income

 $\beta_1 + \beta_2 = m$ money is the numeraire

b = 1 $\frac{b_1}{P_2} x_1 + x_2 = \frac{m}{P_2}$ good is numeroise

 $M = 4 \frac{p_1}{m} \varkappa_1 + \frac{p_2}{m} \cdot \varkappa_2 = 1$ mis mumeroire