ILG "SPETTO DEMIN" (NFTWORK RUTERS) 2 Yerre permins moriton \$ 2,000,000 TO INVEST IN PRIDUCTION AND MARKETING TINVESTED IN PRODUCTION, YETAN 1 PLUD INITIM CAPACIST INCLUME IN " MARKETING, YEMR 1 & INVERSED DEMAND IN KAR 1 d, = 4000 + 71
400

" dz = .75d, + 72
300

PROFIT PER UNIT SOLD FOO YEAR

Yemz 2

MAXIMITE PROFIT

SUBTRET TO BUDGET CONSTRAINT
\$ 2,000,000 AVAILABLE

- YEAR I PRODUTION IN CHEESS OF YEAR I PEMANO IS UNRTHESS

- YEAR I PROFIT CAN BE INVESTED IN PRODUCTION/ MARKETING FOR YEAR 2

YOUR HIMGMENT:

FORMUME AND SOLVE PHIS

(P:50)

PROD: M, M2 -> C, CZ MARKET: YIJYZ -> di, dz SAZESZ, ZZ SAZES IN YOMA 1,2 CICL 2, 5 C, 2, 5 d,

CICNETI 2, 5 C, 2, 5 d,

ON CANETI 2, 5 C, 2, 5 d, [SALES CARNOT CARCERO PRIPULTION

CAPACITY OR DEMAND? EXPENSES: x, + y = 2,000,000 72 + Y2 = 2,000,000 - (x,+x1) LEFTOVER RE-INVESTING YOUTH I PHOFIT

MAY 2,000,000 + BOUZ + PSUZZ - (x,+y,+x2+y2) - 2,000,000