20% multiple optimal solution (b) The constraint $8x_1 - 4x_2 \le 16$ and $x_1 \ge 0$ are binding at $(\chi_1, \chi_2) = (2,0)$ (C) There is no binding constraints (d) 8x1-4x2 = 16 is binding at any optimal solution. $x_1 \ge 0$ and $x_2 \le 0$ is binding at $(x_1, x_2) = (x_1, 0)$ >x1-4x2 ≤ 12 is binding at (x1, x2)-(+, -+) y1 = kao haining refinery. X11 X12 yz = Taipei refinery. X21 X22 16,000 ×11+ 19,000 ×12+ 2>,000 ×21 + 18,000 ×22-140,000 y1-180,000 42 max sit, X11+ X21 = b X12+ X22 66 X11+X12 と ナナリ Xx1+ X22 = 4+ 42. Xij 20 \ i=1,2, j=1,2. 9. everyday production amount Xit, ending inventory yit ΣΞ Cit Xit + ΣHi Ξ yit 5t. yi, 0 = 0 \ \tau i = 1... N. yi,t-1+ xit-Pit = yit ∀i=1,...N, t=1...T Vt=1, ..., T. Z Xi LK Vi=1...N, t=1...T Xit zo, yit zo