MIN-MAX (MAX-MIN) CRITERION

THIS IS A CONSERVATIVE CRITERION AND CHOOSES THE BEST FROM THE WORST-CASE SCENARIOS.

LET US TAKE THE PREVIOUS EXAMPLE WHERE

OLI REPRESENTS COST.

SINCE COST; WORST CASE = MAXS ?. MAX (0;;) 02 04 03 2 a, 10 25 18 25 23 8 23 a2 8 BEST AMONG THE WORST. 21 21 21 as 18 12 (MINIMUM OF 30 30 19 15 25, 23, 21, 30). 22

Do az.

HOWEVER THIS "BLEAK" VIEWPOINT IN DECISION MAKING MAY NOT ALWAYS BE PRAGMATIC. FOR EXAMPLE TAKE THE FOLLOWING COST MATRIX

INTUITIVELY, A, SEEMS BETTER AS THERE IS A CHANCE THAT THE COST MAY BE LIMITED TO 90. HONEVER BY CHOOSING A2 P AM ENSURING THAT COST IS 10,000 — WHICH IS NOT 4000.