N, M INT = INPUT VECTOR < UNIONDER ED_MAP < INT, edge. T=0, iS_STORAGE=1; TRUE STORAGE [i] -= MARKETS[]] XFLOW NODES[N+M] {0} QUEUE (PATR (INT, INT) = KSIEZ VISIT-ORDER. PUSA (0,03); UNDADERED_SET < WT> VISITED WHILE (! VISIT-ORDER, EMPTY()) PAIR P = VISTORDER.TOP; INT CURRENT = P. FIAST, MARENT = P.SECOND; VISIT-ORDER, POPUL IF (VISITED, COUNT (CUMMENT)) continue, VISITED, INSERT (CUMMENT), 19 (surviverent ! = PARENT) { edge'* curedge = edges[current] (parent]. ut sum = curedge.cost; IF (curedge.good == current) sum = - sum; NODES (current) = sum + NODES [PARENT]; (CONST PAIR & P: edges [convert]) {

IF (Cisited, count (P.FIRST)) Continue;

IF (P.SECOND. IS-ACTIVE) CONTINUE; VISIT-ORDER. AUSH (& P.FIRST; WINCLANT 3); SAD STEP: FOR (INT i=0, (<N) (++)} FIND CYCLE O LOFOR (INT j=N, j<N+M; j++) { IF (edges[i][j].15_ACTIVE) CONTINUE;

IF (NODES[i]-NODES[j]>=0) CONTINUE; FOR (CUM = 1; CMY!=1; CMY = PAR[CMY]) & MIN_FLOW = MIN(MIN_FLOW, edges REVERSE GOTO 2112 OPTIMAL COST IS FOUND