Barrel of Oil & 'éil-Initial Oil-9t is 100 barrels. molit (m=11) =0 perform actions. Eaploration - will lead to discovery 5 known value ICES and associated aspects sell at peice pr C + 2 10081 +s at usive go from o CRITERION Barrel endracted theoressed 100 Barrels of will go till 10. -> MOSCIMIZE PROFIT much we 1 to 10 Joth Discourse d. - Cost.

actions if available oil 95 selling.

as a STOP CRITERION

This o cap be included in the choices too at each state from the combination map.

generated for from all possible choices. performing sequence of

Input state = oil-qt, T from the oil-9to 1 quantity

DYNAMICS Discounted Profit PROFIT time or T+1 From 1 Journel Left Cost Revenue - It & pt 2-41 Par ASTITUTE OF possible +1 x+x + 25- c--2+2 + 2+ x n+ + moive) with eacheaction 3 values Se Je 124 of at CHOICES know

Profit = -2+2 + 2+ pt Synamic (Pseudo Bellman) Equation
Profit 0t, t) = max 2tht-2t t

[Red it (Ot-2t)]

1 [Red it (Ot-2t)] the will have series of act (statistic) of this series max wall as state value (as) that is general -ting this max value We know Ly And cache them for paralleleston Herate fill (rail\$(0+, +=11)=0 by this can help computed by Brighting (00, 5=10) + 1 (Profit (oil-95)

90 SHEETS - 71/3 IN V 101/11