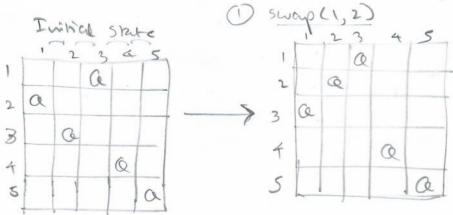
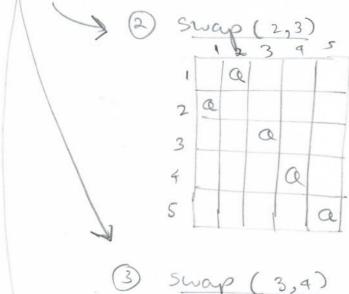
togal Seans

[a) States 5 = 5 × 4 × 3 × 2×1 = 120 states.

(b) mon an 4 sumersor states (4 adj (al swaps on possible).

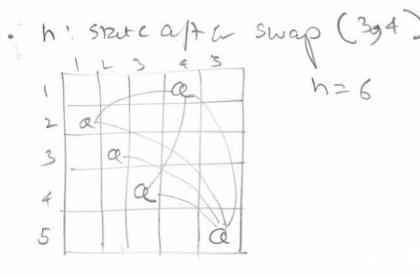




2 1	2	3	3,	5
			Q	
0				
	Q.			
		a		
				a

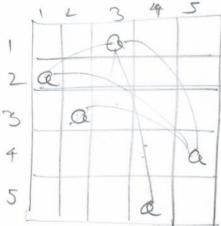
-			7	, 5	5
1	-	12	10	F	
2	a				
3		Q			
+					0
5	-			0	

assent = . Look at each sureston · Go tome Suncosor with the highest evaluation value. (grater than he iminal · h (Initial state) = # of ron-attan Note-Buame of unique rass/ (olsfor planing me altaus can only be along the diagonals Aras indicate h: Stare after Sweep (1,2) h'. State after swap (2,3) Aras: non-altano Ce



A.s: non-altan





= 6 Arcs: non-attann.

Sime all shuessor values an smaller than he eval of me imited state of the seam will remain in he juice state.

Local minima (rota solution)

