MITTAPALLI MOUNIKA

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	1)	TIWH TO SEE THE SEE SEE SEE SEE SEE SEE SEE SEE SEE S	
		1 2 3 4 5 16 7 8 9 10 11 12 13 14 15 16	0
		0(1) 0(1) 0(1) 0(2) 0(3) 0(4) 0(4) 0(4) 0(4) 0(4) 0(4) 0(4) 0(4	0
		2 (x) d (x) d (x) 2 (x)	
		so sequence of n inserts born x) + 1 (x)	
		O(n) + o(2n) = o(n) 6000 (114) = (12)d	
	9	Thus appositized austime is born of a (0,01)	
		11 60m 10 (n)/n 1200(1) 0=11 6m 00 (0,000) d	
		= 11 Com 28 (0,28) H P. Amortised & (Actual)	
		Simple cops shall sell ols)	
		complex ops (ith Index) 10(10) 1000(1)	
		11 to a reconstruction of the second	
		51) (1-12) 3 (1-bank 23+3+3-1+1-1/2 \$ 6 (11 cl) 1	
- t	الدر	11) 1234_ Cost = 0-42-4 2) bank = 6-4 = \$2	
		iii) 1234567 bank 22+6 2 98	V
	7	7 00 00) 00) 11 60m (1+x) = (1x) d	L -
1	<u>C</u>	10) 12345678 Cost=0-8=-\$8 2) Obent - \$8-\$8	2 60
		v) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 0 16 17 bank = \$	5 18
4	Vi.	i) 7 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 5) bonk	0\$5
		The lie can always keep bank non-negative	
1.7	100	Thus we can always keep bank non-negative one Assumptions hold \$000, Amortized time for	•
		each op	