Multi-revel locking using B-trees (or other liveraction) table tople

lock nierarchically

Existing Lock

		15	1X V	S	X
Requestred	lS				\times
		2		\times	\times
			<u> </u>		\times
	5		·		
	X	\times		\times	\times

index on R(A) select country from R where A=5; insert into RG) usuel (5) insert into R(A) Values (Zo):

LOG la sequence no LSN OP PREVISN Ti upobita 100 PX A B commit T₁ $\omega_3(z)$ $\omega_{3}(\omega)$ $\omega_2(X)$ abort Tz

(volatile) MEMORY 100

W-Hz 2 page to disk I flush the lop

S write the page Px

to disk DISK