	29 01 23
	Activition: A York sequence B= (b, b) is an ordered partition of the set of Works.
	Notation: B: = U: 16. (5. (5.) 1 Left B be a York sequence R: = (r1. (5.) induced by B is befored
	a follown: For every is [(7, +2], 1; = {(v, P); b(v, P) & b, m, v & V(P"-P°)}
	[(v,P): b(v,P)& b; veV(P° n P")} v {(v,P): b(v,P)& b; -2, veV(P°-P")}, where
	(= 1 = 17 and (= 28, be = 17, and be = = 27.
	*We now define given & block sequence B = (b_1 be), the update sequence R= (c_1cor)
	induced by B. The idea is update every both in b; in rounds of rise and rise according to
	Lemma 1.
Ne might	Lumma: Let B=(tr., tr.) be a block squence and RB=(rq, reser be the induced update coquence
lillerent Lilination, as we re	Then, lor every P&P, i&[1+2], S&F., Pi brownent for U: Le un uplate Proof. Udmition: Let (v, P) & V × P. Then we call (v, P) as
ignoring capity	
	- a type-1 update if ve V(P4-P°).
	- Z V(P° n P° 1, and
	- 3 V(P°-P").
	By Minihon, r; womain the type-1 updates for induced by blocks in b; the trype-2
	Let P&P
	Unin: Let it [1-2] and Ser; Then:
	(i) For every type-1 update (v, P) & S, P is transment for U; if P is transment for U; = 200, P13.
TODO Minle	Proof
This proof depends	(i).
my definition of	We down the Tollowing; which implies the law Comma:
3/Q#W.	
	(1) For every SSra, P is brancient for W= S.
	(2) For every i & [1] and S = Fin, P is brancient for Nies
	[3] For every S= ress. P is transient for U; M P is brannint for U; = U = 1
BRUNNEN IN	(1) by befinition, or worksin only type-1 updates Hence, by lawn ~ (i), P is transment for U, if
Why?	Pin bramient for Un = {3, which is the cone holds.

