	R02102: D	ynamics and	Simulation		Tanay Srinivasa
		5 4 6			U20220086
		Final - Project			
Problem 42 Due : 15 - May -2025				Time	Spent : Hour
To Find: (a) [7]; given 7 and 2;	(b) R:j		(c) Rij given		given Rij and Fr
(e) Tot given r, and Rij	(f) r; gi	ven Rij fi"	(g) Ye: given	Rijandei (h) Rzij	given Rij
[12,]					
(a) [7], = [7ê, 7ê, 7ê,					
(1) R:; = ê; · <u>R</u> · ê;					
(c) Rij = ê, êj					
(4) c; c R; c					
(e) C ₀ , - c,					
(4) r: = R _i ; r _i *					
(g) fo: = R;: r;"					
(h) R _{Bij} = R _{iR} R _{Rj}					
(i) [7]] _p = R _{ij} ç					
i ê. g. e. c.					
: ê, <u>R</u> ê, c _i ; : ê, <u>R</u> ê, c _i ; : ê, <u>R</u> ê, c _i ; : ê, <u>ê</u> , ê, c _i ; : ê, ê, ê, ê, c _i ;					
° ê, ê, ê; e, r,					
= ê, ê, êj êj ç _i					
z ê; ê; ê; ê, Ru, Ç					