

Urban Transportation Systems Engineering Lab

by IIT Bombay - www.iitb.ac.in

Experiment No. 4

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Trip Distribution: Growth Factor Distribution Model Uniform Growth Factor Method

Input Values:

Origin-Destination Matrix For Base Year								
Zone	1	2	3	4	5	Origin Totals		
1	10	15	20	5	0	50		
2	5	2	32	12	32	83		
3	2	3	3	14	20	42		
4	1	5	1	4	5	16		
5	0	4	3	5	5	17		
Destination Totals	18	29	59	40	62			

Growth Factor = 2



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Uniform Growth Rate Matrix For Future Year									
Zone	1	2	3	4	5	Origin Totals			
1	20	30	40	10	0	100			
2	10	4	64	24	64	166			
3	4	6	6	28	40	84			
4	2	10	2	8	10	32			
5	0	8	6	10	10	34			
Destination Totals	36	58	118	80	124				