

Report

User :atharvyelmar

Name :Atharv Mahesh Yelmar

Email ID :atharvyelmar@rediffmail.com

University/College Name :



Experiment No. 4

October 30, 2021, 6:50 pm

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 = 7



Urban Transportation Systems Engineering Lab

by IIT Bombay - www.iitb.ac.in

Uniform Growth Rate Matrix For Future Year						
Zone	1	2	3	4	5	Origin Totals
1	70	105	140	35	0	350
2	35	14	224	84	224	581
3	14	21	21	98	140	294
4	7	35	7	28	35	112
5	0	28	21	35	35	119
Destination Totals	126	203	413	280	434	

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Experiment No. 4

October 30, 2021, 7:08 pm

Trip Distribution : Growth Factor Distribution Model Uniform Growth Factor Method

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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 = 6



Urban Transportation Systems Engineering Lab

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Uniform Growth Rate Matrix For Future Year						
Zone	1	2	3	4	5	Origin Totals
1	60	90	120	30	0	300
2	30	12	192	72	192	498
3	12	18	18	84	120	252
4	6	30	6	24	30	96
5	0	24	18	30	30	102
Destination Totals	108	174	354	240	372	



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Zone	1	2	3	4	5	Origin Totals
1	10	15	20	5	0	50
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