Experiment No. 4   **June 12, 2013, 12:19 pm**

Trip Distribution : Growth Factor Distribution Model
Singly Constrained 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	

Origin Totals For Future Year					
Zone	1	2	3	4	5

	150	120	75	45	120

Growth Factor Calculations

Zone	Future year Origin total	Base year Origin total	Growth Factor For Each Originating Zone
1	150	50	3
2	120	83	1.446
3	75	42	1.786
4	45	16	2.813
5	120	17	7.059

Singly Constrained Growth Factor Matrix For Future Year							
Zone	1	2	3	4	5	Origins Total Base year	Origins Total Future year

1	30	45	60	15	0	150	150
2	7	3	46	17	46	119	120
3	4	5	5	25	36	75	75
4	3	14	3	11	14	45	45
5	0	28	21	35	35	119	120
Destination Totals Base year	44	95	135	103	131		