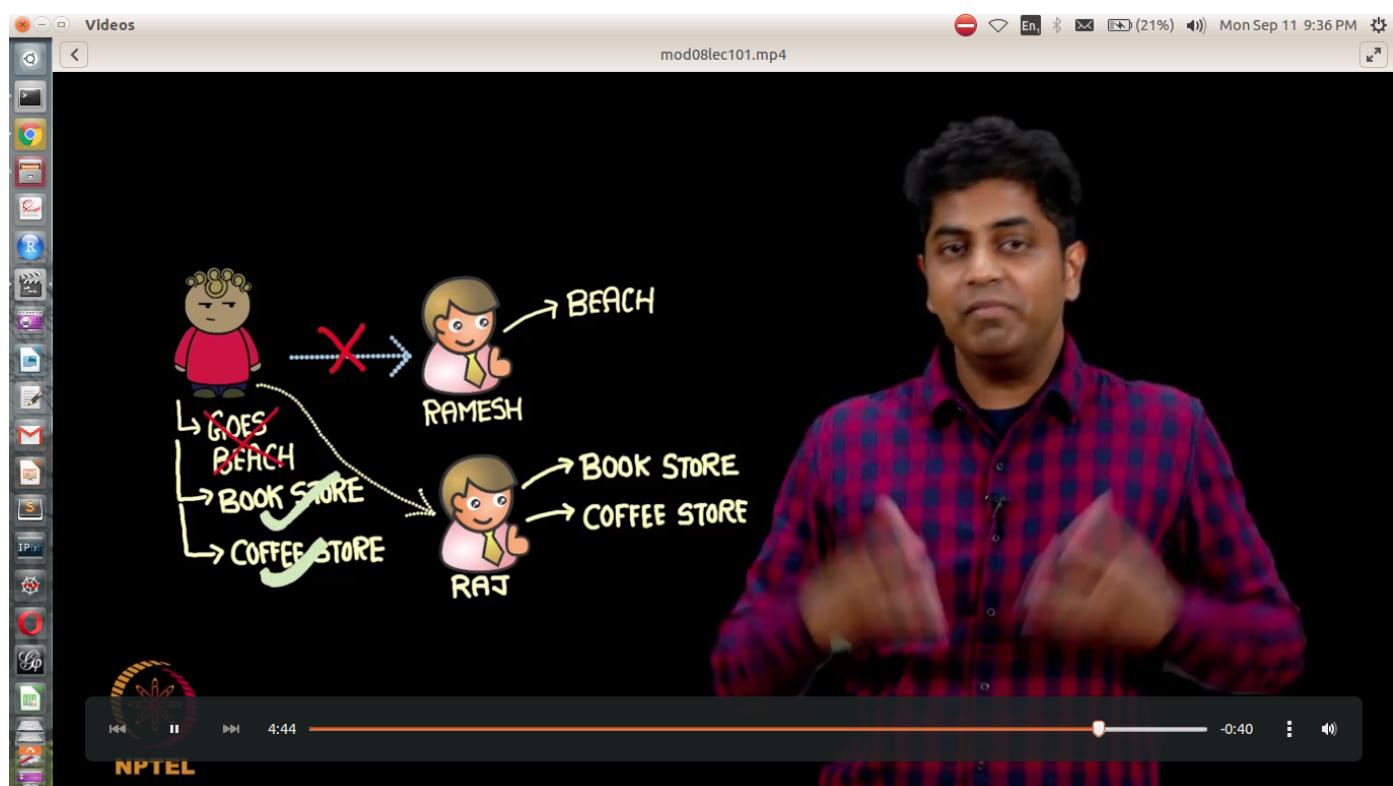
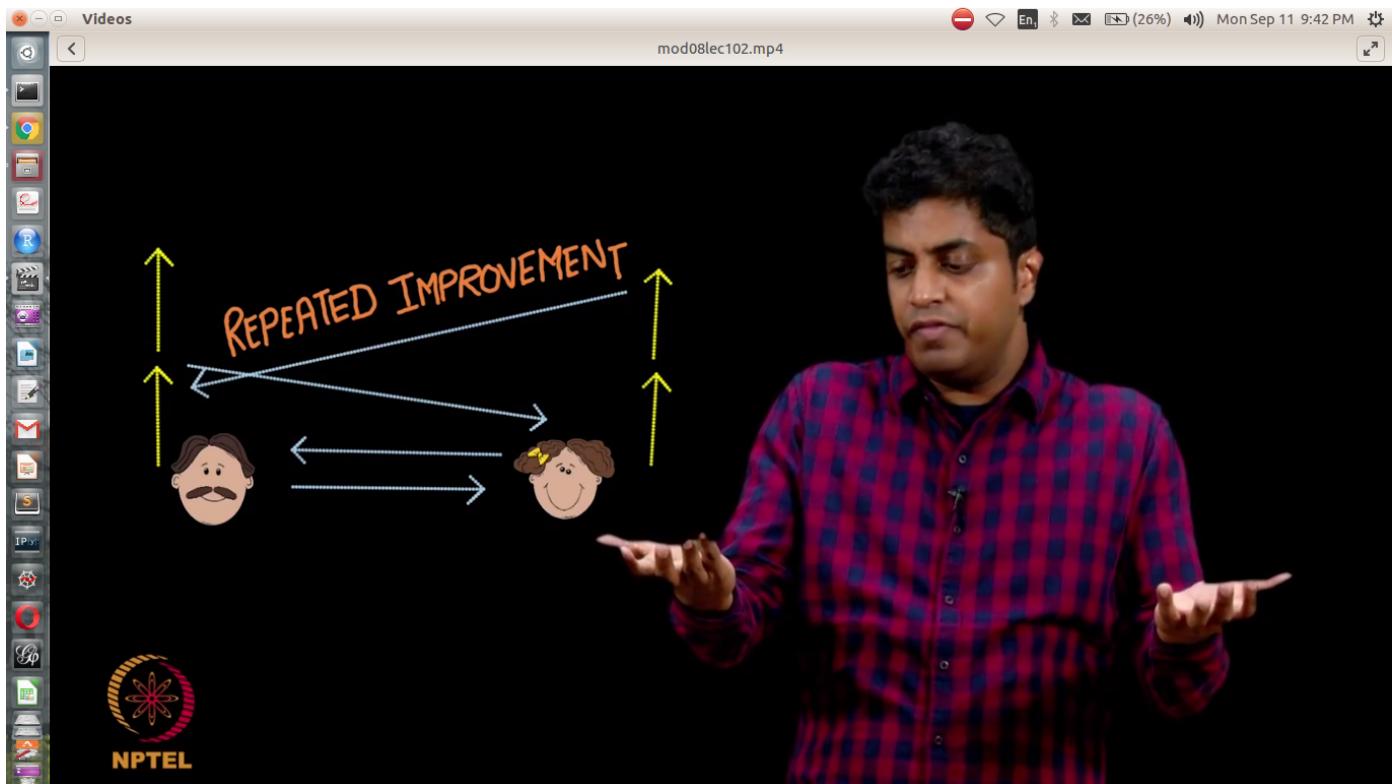


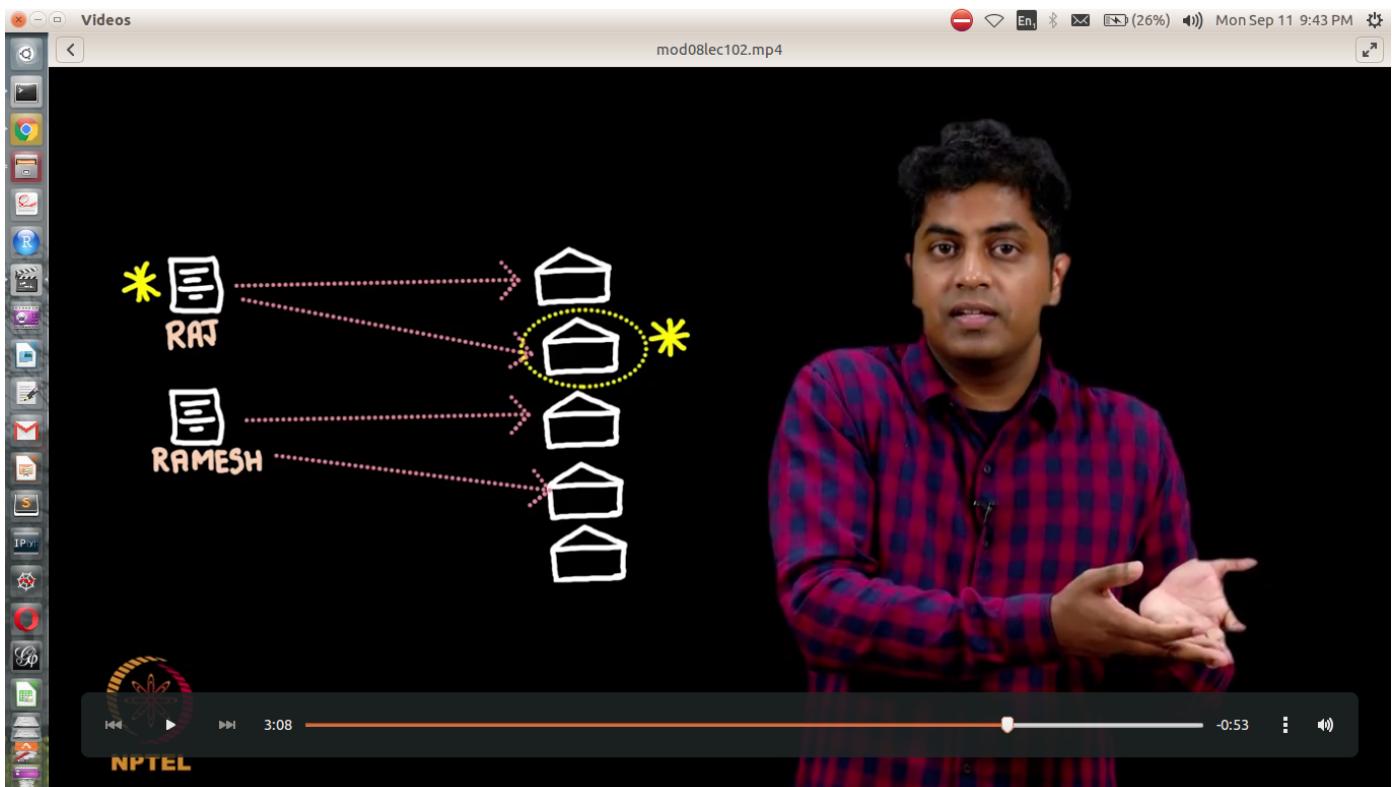
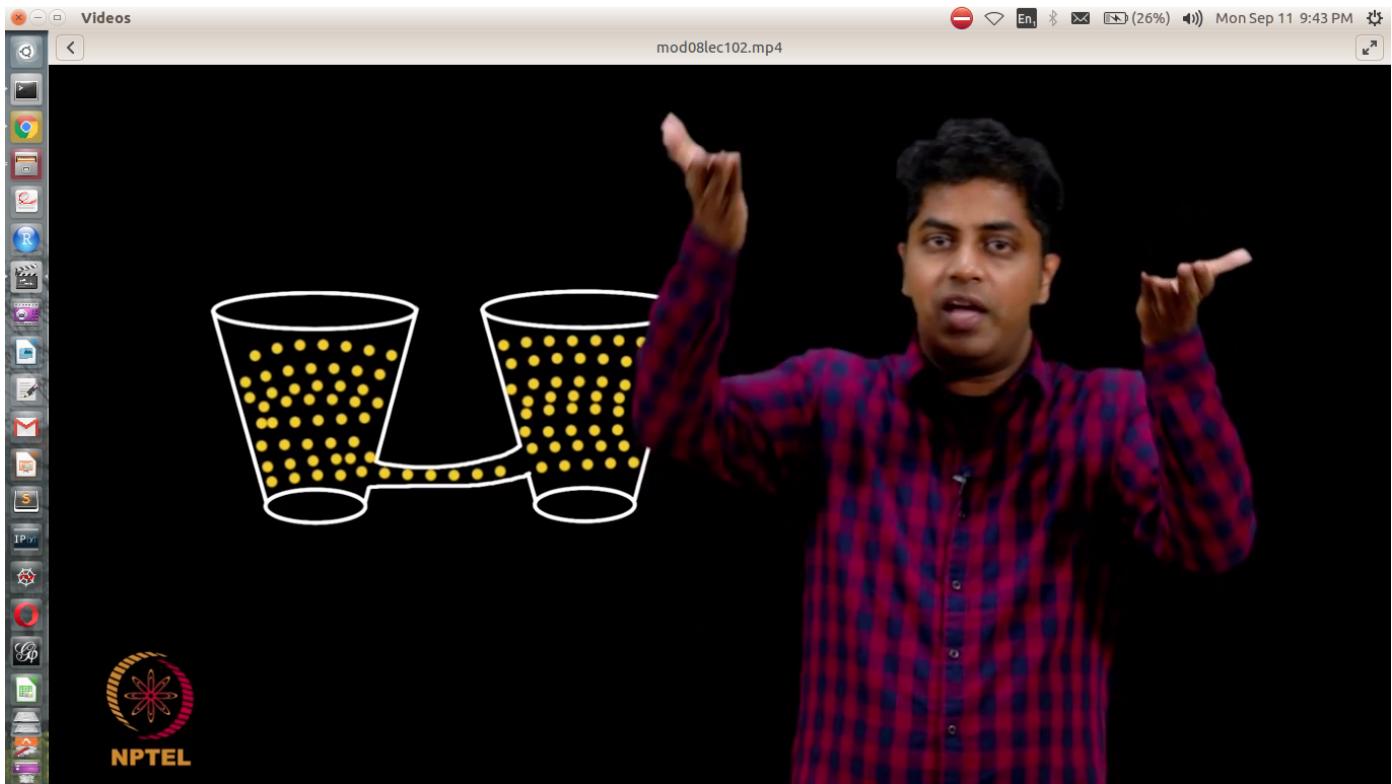
# Lec101 : Link Analysis(Continued) - Intro to Hubs and Authorities (A Story)

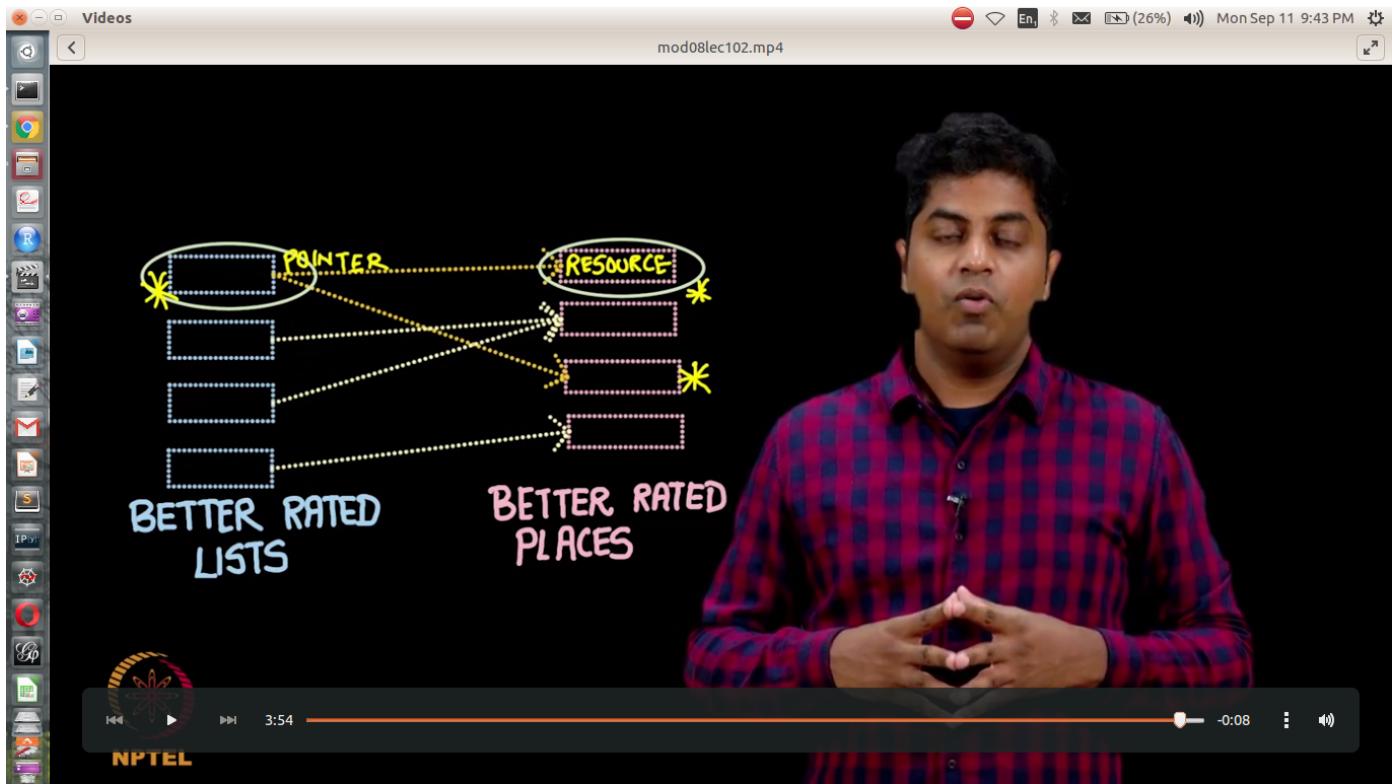




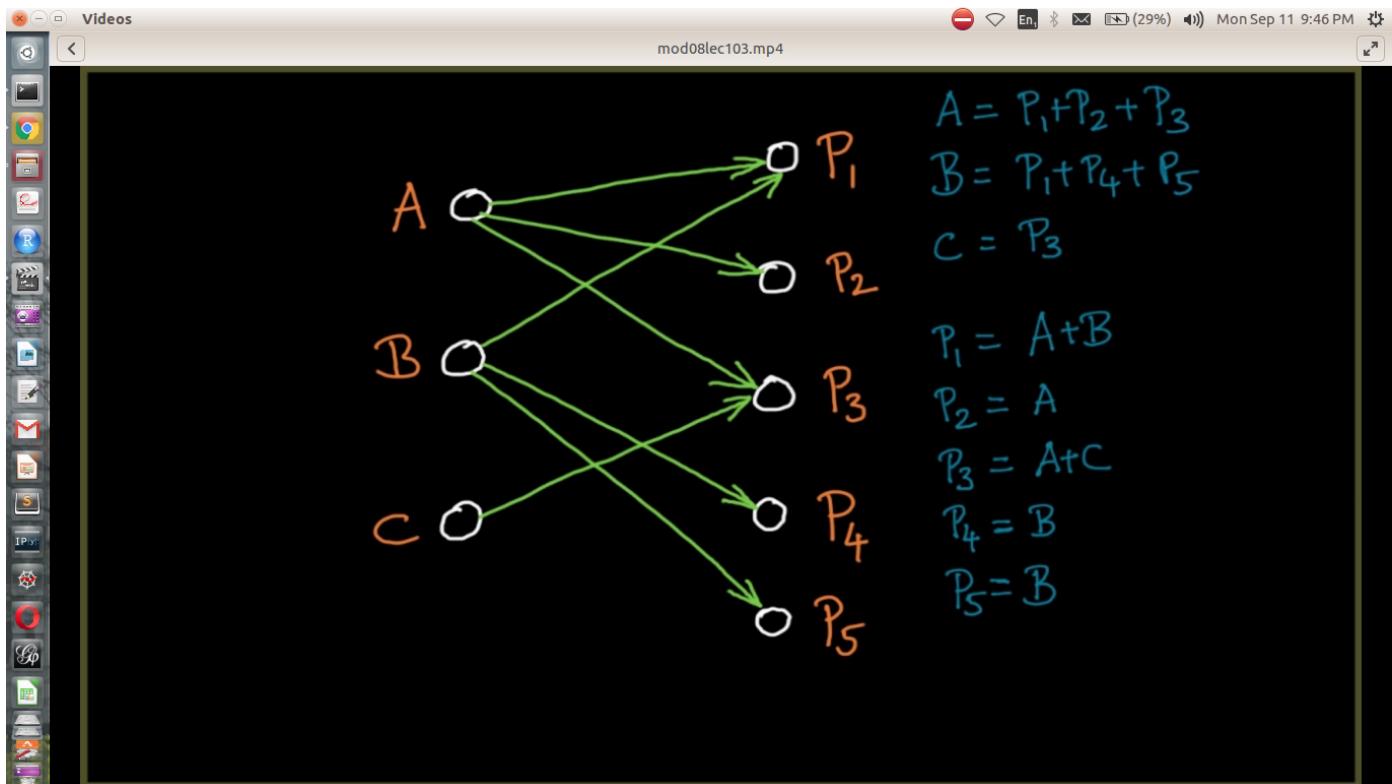
## Lec102 : Link Analysis(Continued) - Principle of Repeated Environment (A story)







## Lec103 : Link Analysis(Continued) - Principle of Repeated Environment (An Example)



Refer PrincipleOfRepeatedEnvironment.ods

Videos

mod08lec103.mp4

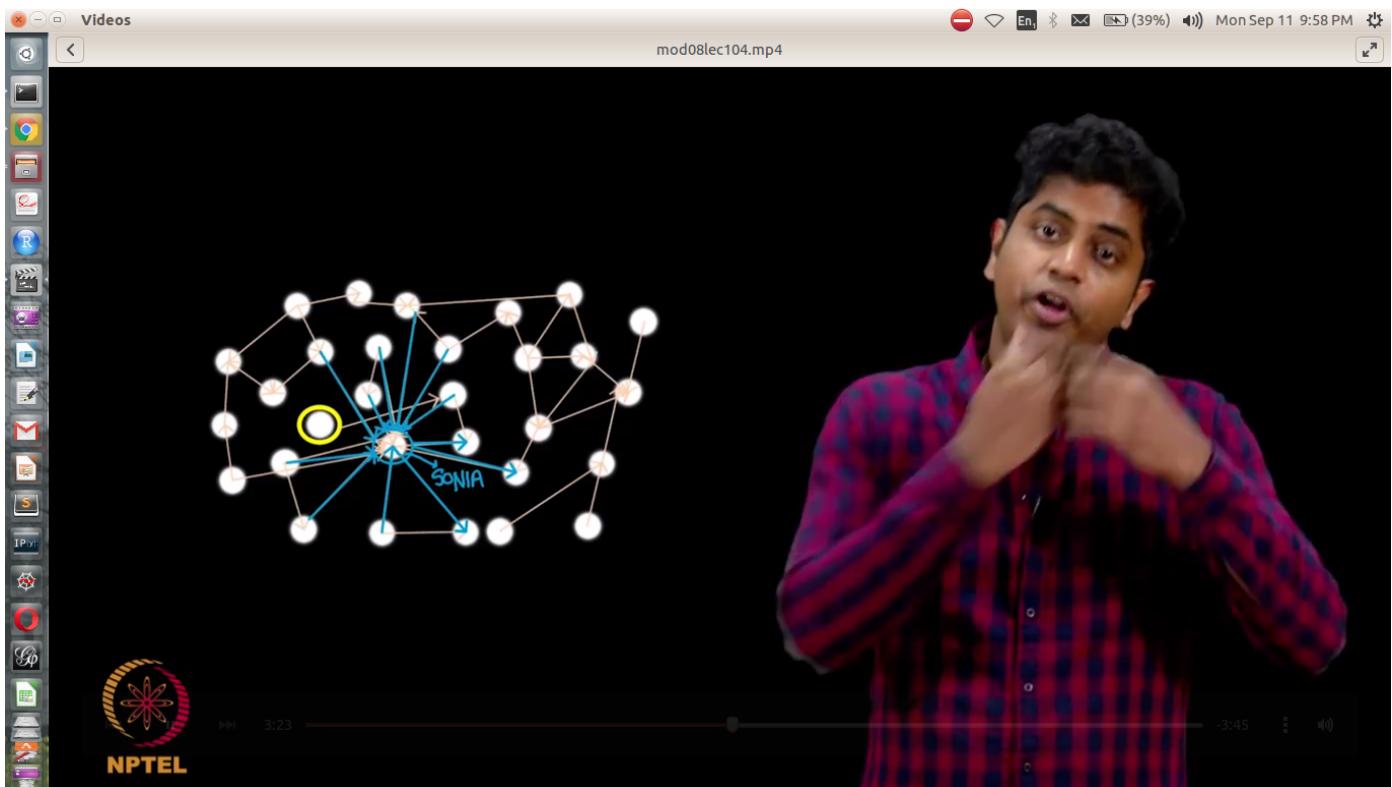
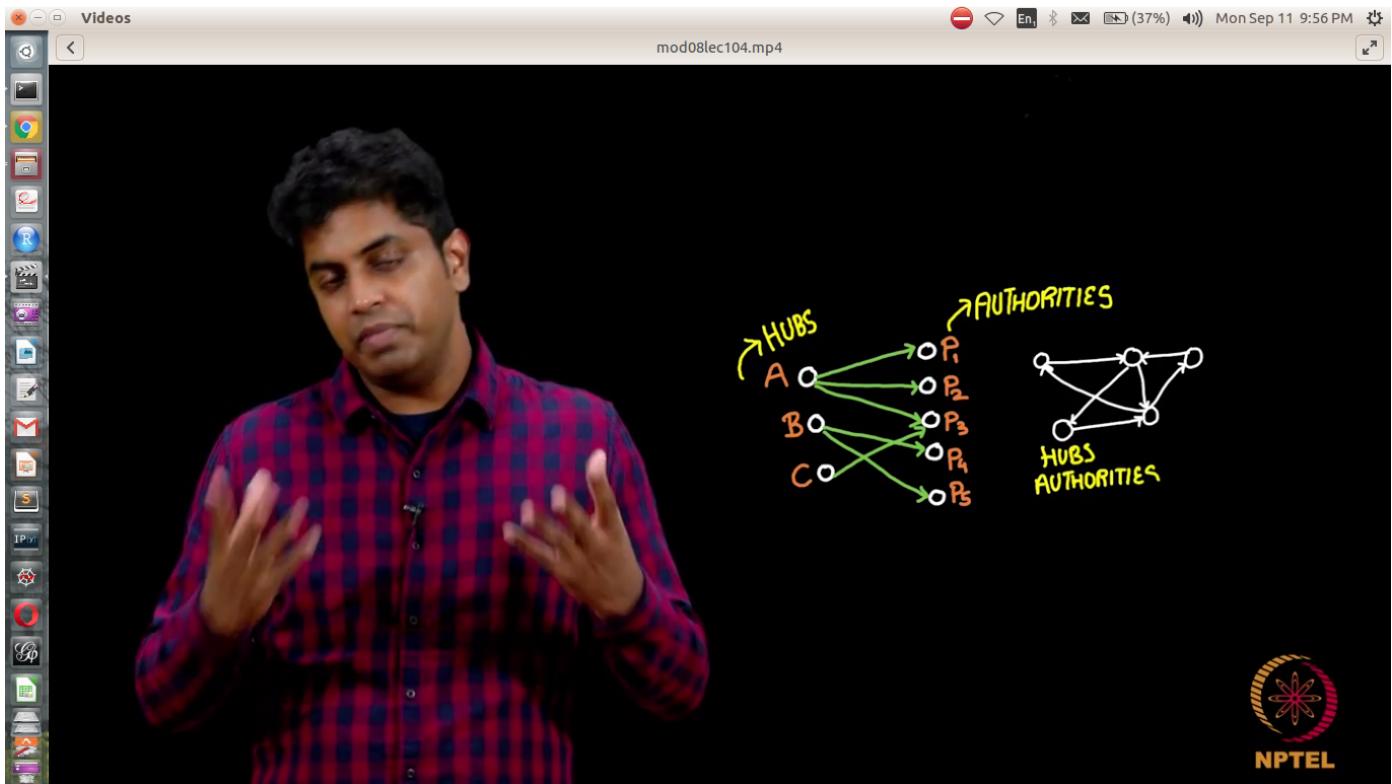
	A	B	C	D	E	F	G	H	I	J	K
1	A	B	C	P1	P2	P3	P4	P5			
2	1	1	1	1	1	1	1	1			
3	3	1	2	1	2	1	1	1			
4	0.4285714286	0.4285714286	0.1428571429	0.2857142857	0.1428571429	0.2857142857	0.1428571429	0.1428571429			
5	0.7142857143	0.5714285714	0.2857142857	0.8571428571	0.4285714286	0.5714285714	0.4285714286	0.4285714286			
6	0.4545454545	0.3636363636	0.1818181818	0.3157894737	0.1578947368	0.2105263158	0.1578947368	0.1578947368			
7	0.6842105263	0.6315789474	0.2105263158	0.8181818182	0.4545454545	0.6363636364	0.3636363636	0.3636363636			
8	0.4482758621	0.4137931034	0.1379310345	0.3103448276	0.1724137931	0.2413793103	0.1379310345	0.1379310345			
9	0.724137931	0.5862068966	0.2413793103	0.8620689655	0.4482758621	0.5862068966	0.4137931034	0.4137931034			
10	0.4666666667	0.3777777778	0.1555555556	0.3164556962	0.164556962	0.2151898734	0.1518987342	0.1518987342			
11	0.696202531646	0.6202531646	0.2151898734	0.8444444444	0.4666666667	0.6222222222	0.3777777778	0.3777777778			
12	0.4545454545	0.4049586777	0.1404958678	0.3140495868	0.173553719	0.2314049587	0.1404958678	0.1404958678			
13	0.7190082645	0.5950413223	0.2314049587	0.85958641322	0.4545454545	0.5950413223	0.4049586777	0.4049586777			
14	0.4652406417	0.385026738	0.1497326203	0.3161094225	0.1671732523	0.2188449848	0.1489361702	0.1489361702			
15	0.7021276596	0.6139817629	0.2188449848	0.8582673797	0.4652406417	0.614973262	0.385026738	0.385026738			
16	0.4574257426	0.4	0.1245742574	0.3148514851	0.1722772277	0.2277227723	0.1425742574	0.1425742574			
17	0.7148514851	0.6	0.2277227723	0.8574257426	0.4574257426	0.6	0.4	0.4			
18	0.4634146341	0.3889602054	0.1476251605	0.3158278629	0.1684901532	0.2210065646	0.1473377097	0.1473377097			
19	0.7053245806	0.6105032823	0.2210065646	0.8523748395	0.4634146341	0.6110397946	0.3889602054	0.3889602054			
20	0.4589463692	0.397247271	0.1438063598	0.3151400095	0.1713336497	0.2259136213	0.1438063598	0.1438063598			
21	0.7123872805	0.602752729	0.2259136213	0.8561936402	0.4589463692	0.602752729	0.397247271	0.397247271			
22	0.4692279873	0.3041302741	0.1405000588	0.3158805424	0.1602000588	0.2999999999	0.1404000588	0.1404000588			

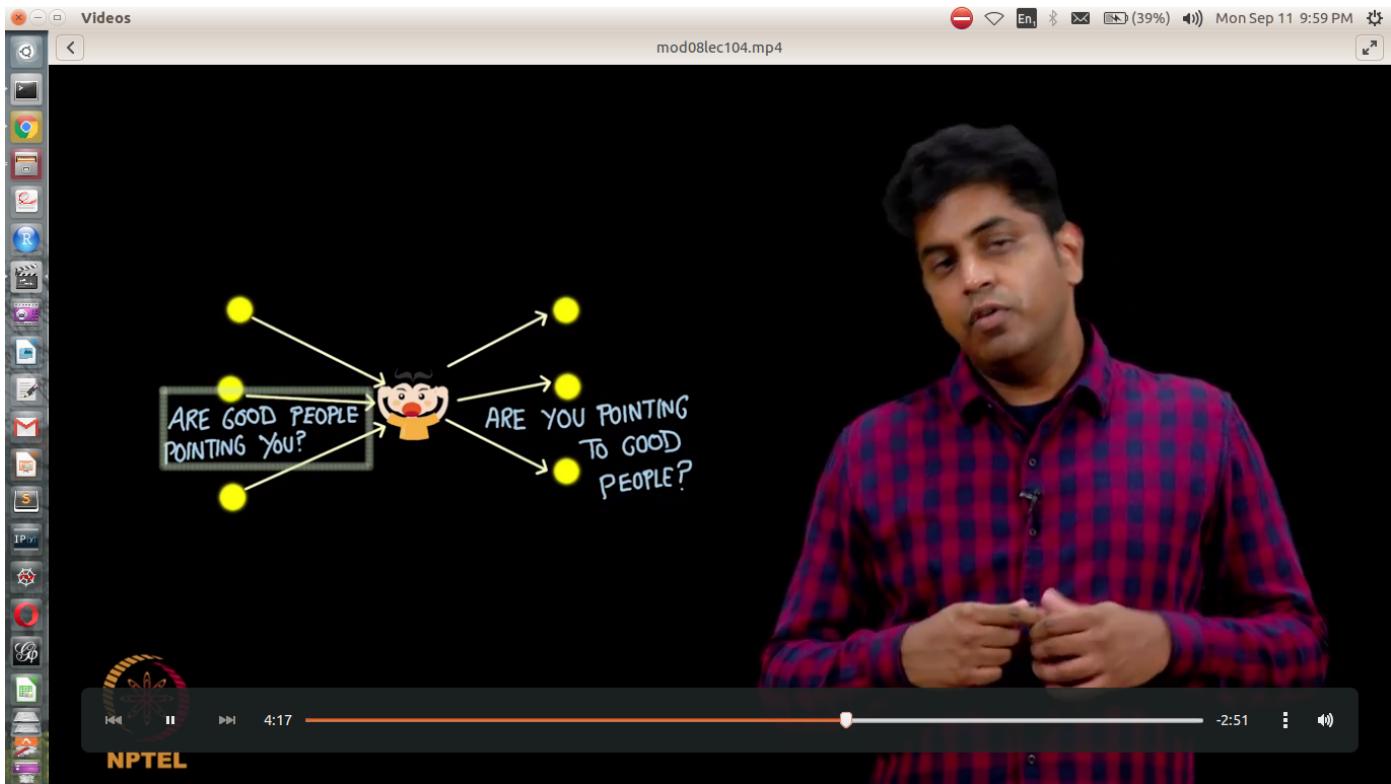
Videos

mod08lec103.mp4

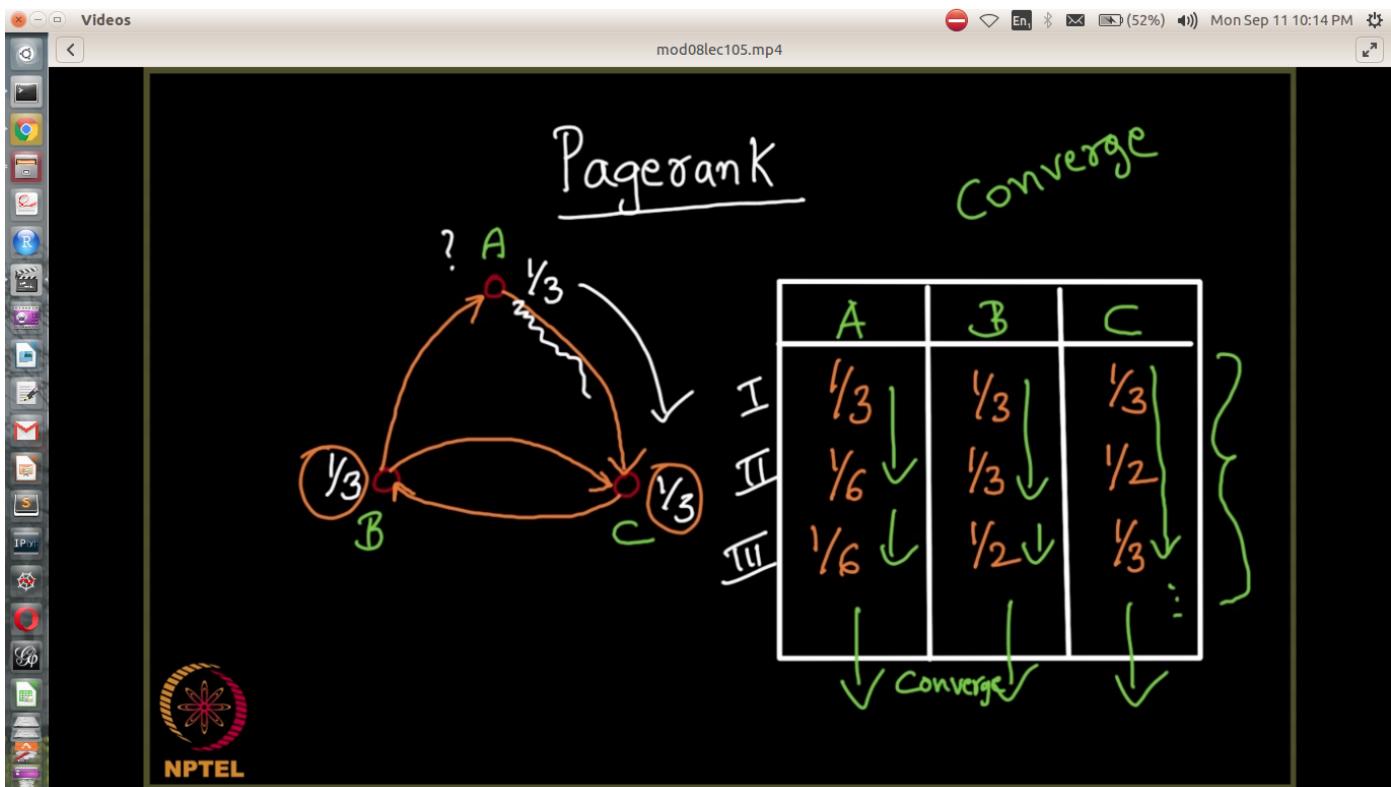
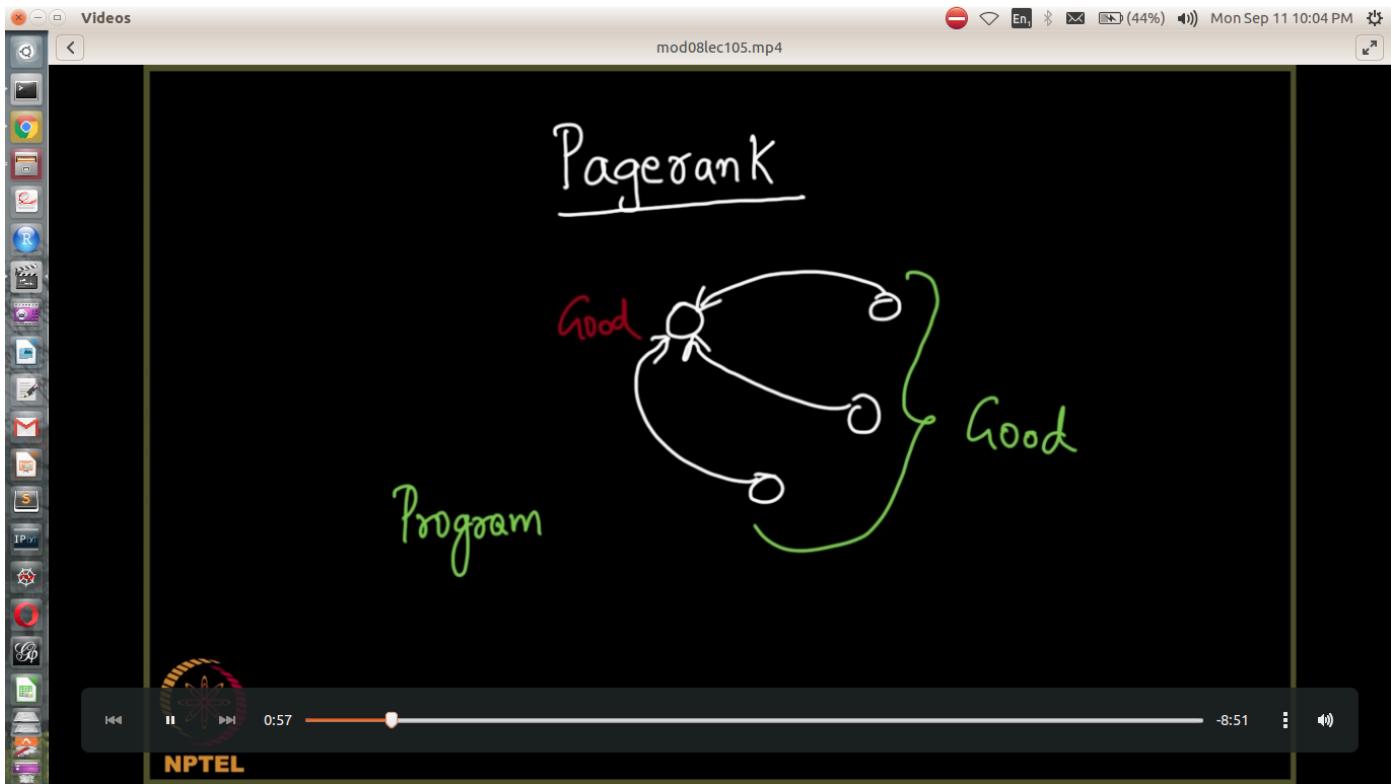
	A	B	C	D	E	F	G	H	I	J	K
1	A	B	C	P1	P2	P3	P4	P5			
2	1	1	1	1	1	1	1	1			
3	3	1	2	1	2	1	2	1			
4	0.4285714286	0.4285714286	0.1428571429	0.2857142857	0.1428571429	0.2857142857	0.1428571429	0.1428571429			
5	0.7142857143	0.5714285714	0.2857142857	0.8571428571	0.4285714286	0.5714285714	0.4285714286	0.4285714286			
6	0.4545454545	0.3636363636	0.1818181818	0.3157894737	0.1578947368	0.2105263158	0.1578947368	0.1578947368			
7	0.6842105263	0.6315789474	0.2105263158	0.8181818182	0.4545454545	0.6363636364	0.3636363636	0.3636363636			
8	0.4482758621	0.4137931034	0.1379310345	0.3103448276	0.1724137931	0.2413793103	0.1379310345	0.1379310345			
9											
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11											
12											
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14											
15											
16											
17											
18											
19											
20											
21											

## Lec104 : Link Analysis(Continued) - Hubs and Authorities





## Lec105 : Link Analysis(Continued) - Page Rank Revisited (An Example)



## Lec106 : Link Analysis(Continued) - Page Rank Revisited (Convergence - An Example)

Refer PageRankConvergence.ods

Videos

mod08lec106.mp4

Untitled spreadsheet

sudarshan@itpr.ac.in

Comments Share

A B C D E F G H I J K

	A	B	C	D	E	F	G	H	I	J	K
1											
2	<b>A</b>	<b>B</b>	<b>C</b>								
3	0.333333333	0.333333333	0.333333333								
4	0.166666667	0.333333333	0.5								
5	0.166666667	0.5	0.333333333								
6	0.25	0.333333333	0.416666667								
7	0.166666667	0.416666667	0.416666667								
8	0.208333333	0.416666667	0.375								
9	0.208333333	0.375	0.416666667								
10	0.1875	0.416666667	0.395833333								
11	0.208333333	0.395833333	0.395833333								
12	0.197916667	0.395833333	0.40625								
13	0.197916667	0.40625	0.395833333								
14											
15											
16											
17											
18											
19											
20											
21											

3:55 - 1:32

NPTEL

Videos

mod08lec106.mp4

Untitled spreadsheet

sudarshan@itpr.ac.in

Comments Share

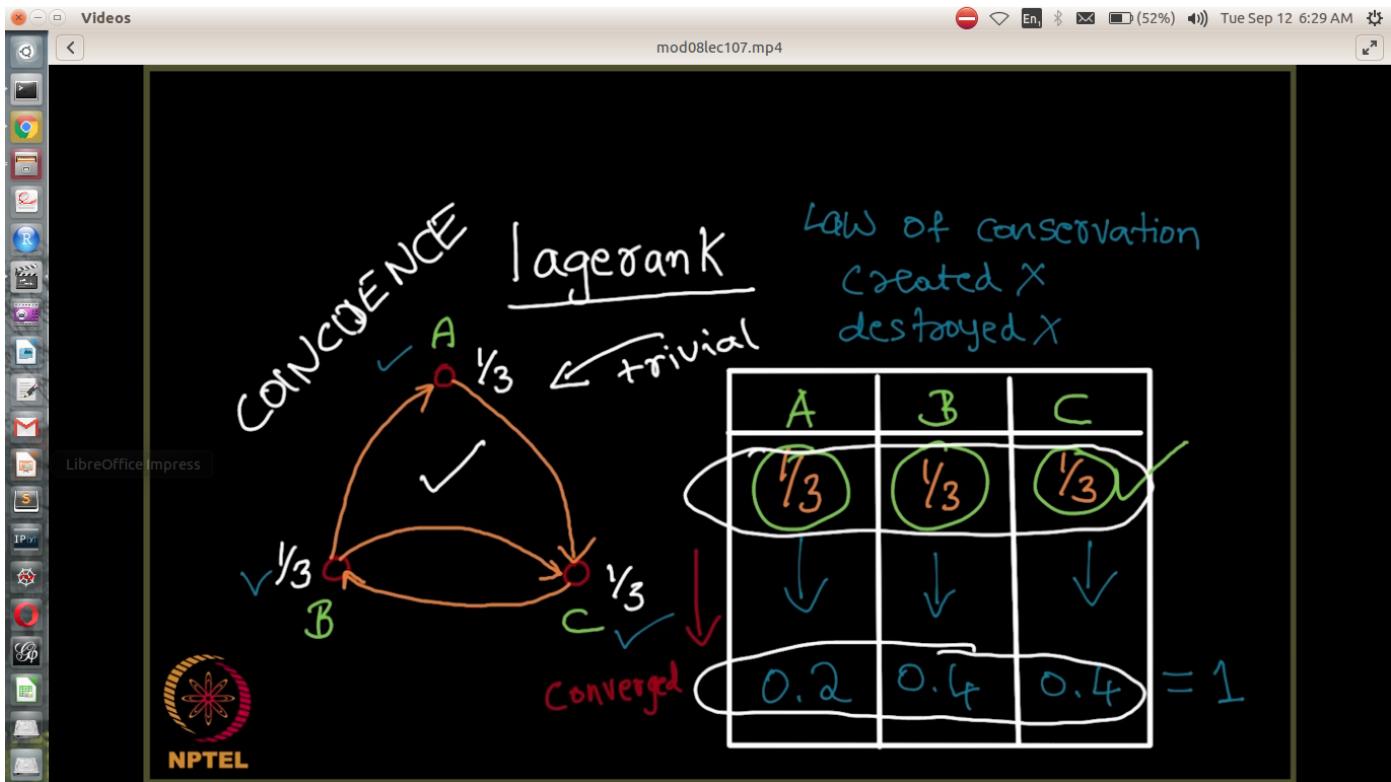
A B C D E F G H I J K

	A	B	C	D	E	F	G	H	I	J	K
57	0.2000000005	0.3999999985	0.4000000001								
58	0.1999999993	0.4000000001	0.3999999998								
59	0.2000000005	0.3999999998	0.3999999998								
60	0.1999999999	0.3999999998	0.4000000004								
61	0.1999999999	0.4000000004	0.3999999998								
62	0.2000000002	0.3999999998	0.4000000001								
63	0.1999999999	0.4000000001	0.4000000001								
64	0.2	0.4000000001	0.3999999999								
65	0.2	0.3999999999	0.4000000001								
66	0.2	0.4000000001	0.4								
67	0.2	0.4	0.4 CONVERGES!								
68	0.2	0.4	0.4								
69	0.2	0.4	0.4								
70	0.2	0.4	0.4								
71	0.2	0.4	0.4								
72											
73											
74											
75											
76											
77											
78											

+ Sheet1

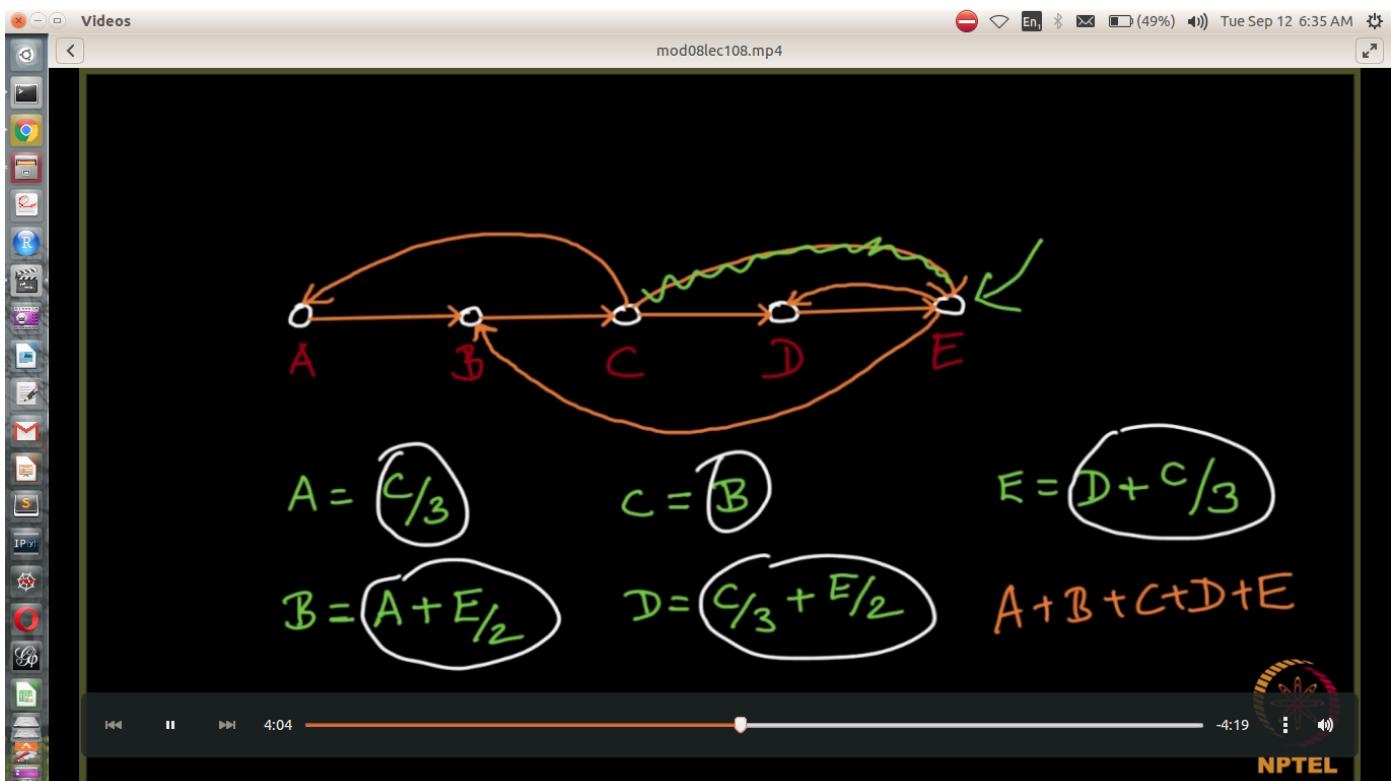
NPTEL

## Lec107 : Link Analysis (Continued) - Page Rank Revisited - Conservation and Convergence



- Here Graph does not converge **always**

## Lec108 : Link Analysis (Continued) - Page Rank, Conservation and Convergence (Another Example)



Refer PRConservationAndConvergence.ods