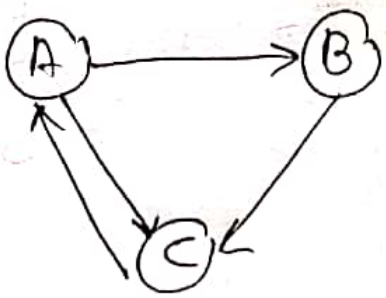
Initial pagerank is 1 initial β(value) = 0.85



$$PR(P_i) = (1-d) + d\left(\frac{PR(T_i)}{C(T_i)} + \cdots + \frac{PR(T_n)}{C(T_n)}\right]$$

Iteration 0

$$PR(A) = (1-d) + d\left(\frac{PR(C)}{C(C)}\right)$$

$$= (1-0.85) + 0.85\left(\frac{1}{1}\right)$$

$$= 0.15 + 0.85$$

$$= 1$$

$$PR(B) = (1-d) + d\left(\frac{PR(A)}{C(A)}\right)$$

$$= (1-0.85) + 0.85\left(\frac{1}{2}\right)$$

$$= 0.15 + \frac{0.85}{2}$$

$$= 0.15 + 0.425$$

$$= 0.575$$

$$PR(C) = (1-d) + d\left(\frac{PR(A)}{C(A)} + \frac{PR(B)}{C(B)}\right)$$

$$= (1-0.85) + 0.85\left(\frac{1}{2} + \frac{0.575}{1}\right)$$

$$= 0.15 + 0.85 + [0.5 + 0.575]$$

$$= 1.06375$$

Iteration 1

$$PR(A) = (1-d) + d\left[\frac{PR(C)}{CC()}\right]$$

$$= (1-0.85) + 0.85\,[1.06375/1]$$

$$= 0.15 + 0.904\,1875$$

$$= 1.054\,1875$$

$$PR(B) = (1-d) + d\left[\frac{PR(A)}{C(A)}\right]$$

$$= (1-0.85) + 0.85\left[\frac{1.054\,1875}{2}\right]$$

$$= 0.15 + 0.85\,[0.527\,09375]$$

$$= 0.15 + 0.448\,029\,6875$$

$$= 0.598\,029\,6875$$

$$PR(C) = (1-d) + d\left\{\frac{PR(A)}{C(A)} + \frac{PR(B)}{C(B)}\right\}$$

$$= (1-0.85) + 0.85\left[\frac{1.054\,1875}{2} + \frac{0.598\,029\,6875}{1}\right]$$

$$= 0.15 + 0.85\,[0.527\,09375 + 0.598\,029\,6875]$$

$$= 0.15 + 0.956\,354\,921\,9$$

$$= 1.063\,549\,22$$

Iteration	A	B	C
0	1	1	1
1	1	0.575	1.06375
2	1.054 1875	0.598 029 6	1.063 549 22