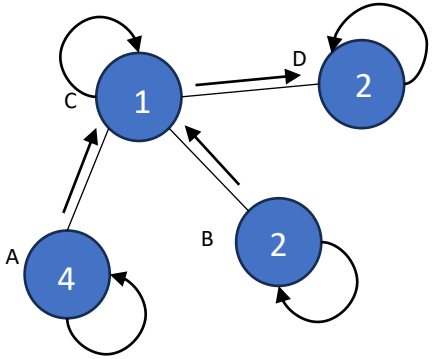
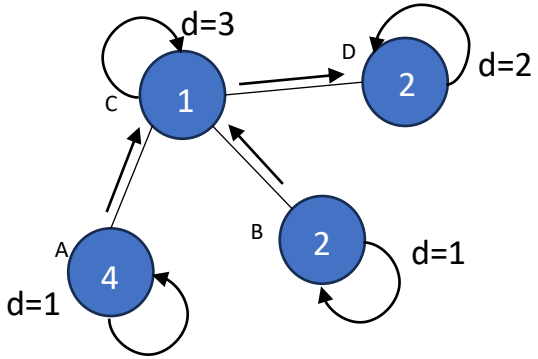
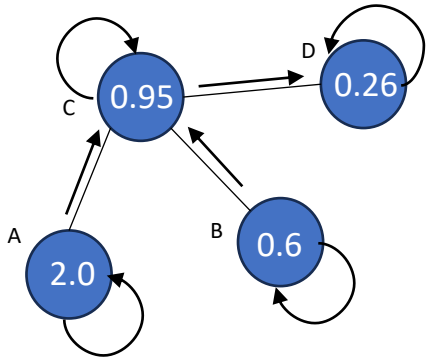
A



Information is shared between neighbors by summing the features



Values are normalized by the number of incoming connections



Features are updated, process is repeated *n* times for *n* nodes

B

Node	Weight	Input Features	Degree	Calculation	Result (x'_i)
A	0.5	4	2	$(\frac{1}{\sqrt{1}*\sqrt{1}} * 4) * 0.5$	2.00
B	0.3	2	2	$(\frac{1}{\sqrt{1}*\sqrt{1}} * 2) * 0.3$	0.60
C	0.25	1, 4, 2	4	$((\frac{1}{\sqrt{1}*\sqrt{3}} * 4) + (\frac{1}{\sqrt{1}*\sqrt{3}} * 2) + (\frac{1}{\sqrt{3}*\sqrt{3}} * 1)) * 0.25$	0.95
D	0.1	2, 1	2	$((\frac{1}{\sqrt{3}*\sqrt{1}} * 1) + (\frac{1}{\sqrt{1}*\sqrt{1}} * 2)) * 0.1$	0.26