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Courses » Social Networks

Announcements

Course

Forum

**Progress** 

Mentor

## Unit 16 - Week 12- Pseudocore (How to go viral on web?)

Course outline	Week 12 - Assignment 1
Course Trailer	•
FAQ	1) Which of the following is responsible for drastically reducing the diameter of the small world <b>1</b> point
Things to Note	networks?
Na a a a a i u u Ala a	O Homophily based edges
Accessing the Portal	<ul><li>Weak ties (long range contacts)</li></ul>
	All the edges
Week 1 - ntroduction	None of the above
Week 2 -	
Handling Real- world Network	Accepted Answers:
Datasets	Weak ties (long range contacts)
Marala O. Otana andla	2) In Myopic search, a node does not have information about 1 point
Veek 3- Strength of Weak Ties	Its neighbbors connected to it with homophily based edges
	Its neighbbors connected to it with weak ties
Week4 Strong and Weak	Weak ties of its neighbors
Relationships Continued) & Homophily	None of the above
Week 5 -	Accepted Answers:
Homophily Continued and	Weak ties of its neighbors
-Ve / -Ve Relationships	3) In a core-periphery structure 1 point
telationships	Low status people are linked in densely connected core while the high status people atomize
Week 6- Link Analysis	around this core as periphery of the network.
	Core and the periphery occupy interchangeable positions in the network.
Week 7 -	The notion of a node being in a core or in a periphery does not depend on the social status or
Cascading Behaviour in	the wealth of a node.
Networks	High status people are linked in densely connected core while the low status people atomize around this core as periphery of the network.
Week 8 : Link Analysis (Continued)	
. ,	Accepted Answers:
Week -9 : Power Laws and Rich-	High status people are linked in densely connected core while the low status people atomize around to core as periphery of the network.

Week 10 - Power

**Get-Richer** 

Phenomena

law (contd..) and **Epidemics** 

Week 11- Small World Phenomenon

Week 12-**Pseudocore** (How to go viral on web?)

- Lecture 150 : Programming illustration-Small world networks: Introduction
- Lecture 151 : Base code
- Lecture 152 : Making homophily based edges
- Lecture 153 : Adding weak ties
- Lecture 154 : Plotting change in diameter
- Lecture 155 : Programming illustration-Myopic Search: Introduction
- Lecture 156 : Myopic Search
- Lecture 157 : Myopic Search comparision to optimal search
- Lecture 158 : Time Taken by Myopic Search
- Lecture 159 : PseudoCores: Introduction
- Lecture 160 · How to be Viral
- Lecture 161 : Who are the right key nodes?
- Lecture 162 : finding the right key nodes (the core)
- Lecture 163 : Coding K-Shell Decomposition

Every node has a core number 3.

Every node has a core number 1.

Every node has a core number 4.

All nodes have different core numbers.

**Accepted Answers:** 

Every node has a core number 3.

## 28/12/2017

- Lecture 164 : Coding cascading Model
- Lecture 165 : Coding the importance of core nodes in cascading
- Lecture 166 : Pseudo core
- Quiz: Week 12 - Assignment 1
- Feedback for Week 12
- Answers to week 12 assignment

## Social Networks - - Unit 16 - Week 12- Pseudocore (How to go viral on web?)

- Its core number should be at least 10.
  - Its core number can be at most 10.

9) A node in a graph has degree 10.

- Its core number is 10.
- None of the above

## **Accepted Answers:**

Its core number can be at most 10.

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1 point

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