

Baze podataka 2

Teme za seminarske radove 2018/19

Tema	Forma	Student
Apache TinkerPop	Blog + pdf	
Gremlin language	Blog + pdf	
Cypher - graph query language	Blog + pdf	
OrientDB	Blog + pdf	
Apache Drill	Blog + pdf	
Oracle NoSQL Database	Blog + pdf	
Apache Parquet	Blog + pdf	
Apache Cassandra	Blog + pdf	
Apache Hive, HiveQL	Blog + pdf	
Apache Pig	Blog + pdf	
Riak	Blog + pdf	
Redis	Blog + pdf	
TEORIJSKI		
[1] Chapter 4 - Graph Databases		
[1] Chapter 6 - Key-value Stores and Document Databases		
[1] Chapter 7 - Column Stores		
[1] Chapter 8 - Extensible Record Stores		
[1] Chapter 10 - Distributed Database Systems		
[1] Chapter 11 - Data Fragmentation		
[1] Chapter 12 - Replication And Synchronization		

Chapter 13 - Consistency		
[1] Chapter 15... - Polyglot Database Architectures		
[2] Chapter 3 - Distributed Database Design	seminarski	
[2] Chapter 4 - Database Integration	seminarski	
[2] Chapter 6 - Overview of Query Processing [2] Chapter 7 - Query Decomposition and Data Localization	seminarski	
[2] Chapter 9 - Multidatabase Query Processing	seminarski	
[2] Chapter 14 - Parallel Database Systems	seminarski	
[3] Chapter 3 - Cloud-Hosted Data Storage Systems	seminarski	
[3] Chapter 5 - Database Replication of NoSQL Database-as-a-Service	seminarski	
[3] Chapter 6 - Replicating Virtualized Database Servers	seminarski	
[3] Chapter 9 - Big Data Processing Systems	seminarski	

[1] L. Wiese, *Advanced Data Management*, Walter de Gruyter GmbH, Berlin/Boston, 2015

[2] M. Tamer Özsu, Patrick Valduriez, *Principles of Distributed Database Systems*, Springer New York Dordrecht Heidelberg London, 2011

[3] Liang Zhao, Sherif Sakr, Anna Liu, Athman Bouguettaya, *Cloud Data Management*, Springer, New York, 2014