

## Associate Professor, Position 7

### Subjects: Informatics, Database in Economy

2012-2013

1. Architectural scheme of Internet
2. Functional Scheme of Internet
3. The model customer/server TCP/IP Protocol
4. Relational Data base, Normal Forms and normalisation mechanism of database ,
5. Relational data base language, language elements SQL and QBE
6. Objects database
7. Distributive and collaborative database
8. Database and their WEB Usage
9. Intelligent database and their migration to knowledge base

#### BIBLIOGRAPHY:

1. Ioan Dzitac, Grigor Moldovan, Sisteme distribuite: Modele informatice, Ed. Univ. Agora, 2006  
[http://www.uav.ro/files/exacte/cursuri/Sisteme\\_distribuite\\_Dzitac.pdf](http://www.uav.ro/files/exacte/cursuri/Sisteme_distribuite_Dzitac.pdf)
2. Grigor Moldovan, Ioan Dzitac, Sisteme distribuite: Modele matematice, Ed. Univ. Agora, 2006  
[http://www.uav.ro/files/exacte/cursuri/Sisteme\\_distribuite\\_Moldovan.pdf](http://www.uav.ro/files/exacte/cursuri/Sisteme_distribuite_Moldovan.pdf)
3. I. S. Nițchi et al., Elemente de baze de date și programare aplicate în economie, Risoprint, Cluj-Napoca, 2009.
4. C.J.Date, An Introduction to DataBases, Addison-Wesley, ed. 8-a, 2002
5. C.J.Date și H.Darwen, Foundations for Future Database Systems, Addison Wesley, , ed. 2-a, 2000.
6. I.Popescu, Modelarea bazelor de date, Ed.Tehnică, 2001.
7. T.Connolly, Baze de date, 2001.