

河海大學

博士研究生培養方案 (2014 版)



河海大學研究生院

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9 – 11	00D0001	First Foreign Language	48	2						
	66D0001	Marxism in Contemporary China	36	2			/			
	15D0101	Social Theory	32	2			/			2 – 4
	15D0102	Social Research Methodology	32	2			/			
	15D0103	Studies on Chinese Society	32	2			/			
	15D0104	Special Topic on Sociology	16	1		/	/			
	15D0105	Migration and Resettlement Study	32	2		/	/			2
	15D0106	Urban and Rural Sociology	32	2		/	/			
	15D0107	Sociology on Engineering Project	32	2		/	/			
		Second Foreign Language	48	2						
4	66D0002	Selected Readings in Marxist classics	18	1			/			2
	15D0109	Environment and Society	16	1		/	/			
	15D0110	Studies on Land Tenure	16	1		/	/			
	15D0111	Social Psychology	16	1		/	/			
	15D0112	Social Governance and Social Policy	16	1		/	/			
			32	2		/	/			
	99D0103									
	99D0101									
	99D0102									

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48	American Sociological Review
49	European Sociological Review
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51	Annual Review of Sociology
52	China Quarterly
53	Modern China

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1. Study of Marxist Basic Theory
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	66D0001	Marxism in Contemporary China	36	2			/			
	17D0309	Intensive Readings of Original Works of Marxism	32	2		/	/			2 – 4
	17D0301	Topics in History of Marxism	32	2		/	/			
	17D0302	Topics in Marxist Theory Frontier	16	1		/	/			
	17D0303	Topics in Marxism's development in China	32	2		/	/			2
	17D0304	Topics in Marxist Basic Theory	32	2		/	/			
4		Second Foreign Language	48	2						
	17D0305	Topics in Western Marxism	16	1		/	/			2
	17D0306	Theory and Practice in Marxist Jurisprudence	32	2		/	/			
	17D0307	Study of Marxism and Contemporary Issues	32	2		/	/			
	17D0308	Study of Marxism Education	32	2		/	/			
	66D0002	Intensive Readings of Original Works of Marxism	18	1		/	/			
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2. Comparative Ideological and Political Education
3. Sociology of Ideological and Political Education
4. Ideological and Political Education & Affairs Management of College Students
5. Ideological and Political Education and Traditional Culture

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		17D0309	Intensive Readings of Original Works of Marxism	32	2		/	/		2 – 4
		17D0301	Topics in History of Marxism	32	2		/	/		
		17D0302	Special Topic on Marxist Theory	16	1		/	/		
		17D0601	Frontier of Ideological and Political Education	32	2		/	/		2
		17D0602	Topics in Comparative Ideological and Political Education	32	2		/	/		
4			Second Foreign Language	48	2					
		17D0603	Ideological and Political Education & Affairs Management of College Students	32	2		/	/		2
		17D0604	Traditional Culture and Ideological and Political Education	32	2		/	/		
		17D0605	Philosophy of Ideological and Political Education	32	2		/	/		
		66D0002	Intensive Readings of Original Works of Marxism	18	1		/	/		
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2. Ocean Circulation Environment and Substance

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5. Ocean Remote Sensing

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	03D0301	II Geophysical Fluid Dynamics II	64	4		/			

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17 Journal of Physical Oceanography J .

18 Geophysical Research Letter J .

19 Journal of Climate J .

20 Journal of Continental Shelf Research J .

21 Global and Planetary Change J .

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3 Vibration Control and Intelligent Struc-

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	66D0001	Marxiam in Contemporary China	36	2			/		
	88D0001	Applied Functional Analysis	48	3					
	88D0003	Random Differential Equations	32	2					
	88D0002	Modern Methods in PDE	32	2					2 - 4
	88D0007	Dynamical Systems Chaos and Fractals	48	3					
	10D0101	Special Topic on Engineering Mechanics	16	1		/	/		
	10D0102	Advanced Structural Experimental Mechanics & Testing Techniques	32	2		/	/		
	10D0103	Constitutive Theory of Engineering Materials	32	2		/	/		
	10D0104	Modeling & Numerical Analysis of Engineering Mechanics	32	2		/	/		
	10D0105	Advanced Dynamics	32	2		/	/		

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	99D0103							
	99D0101							
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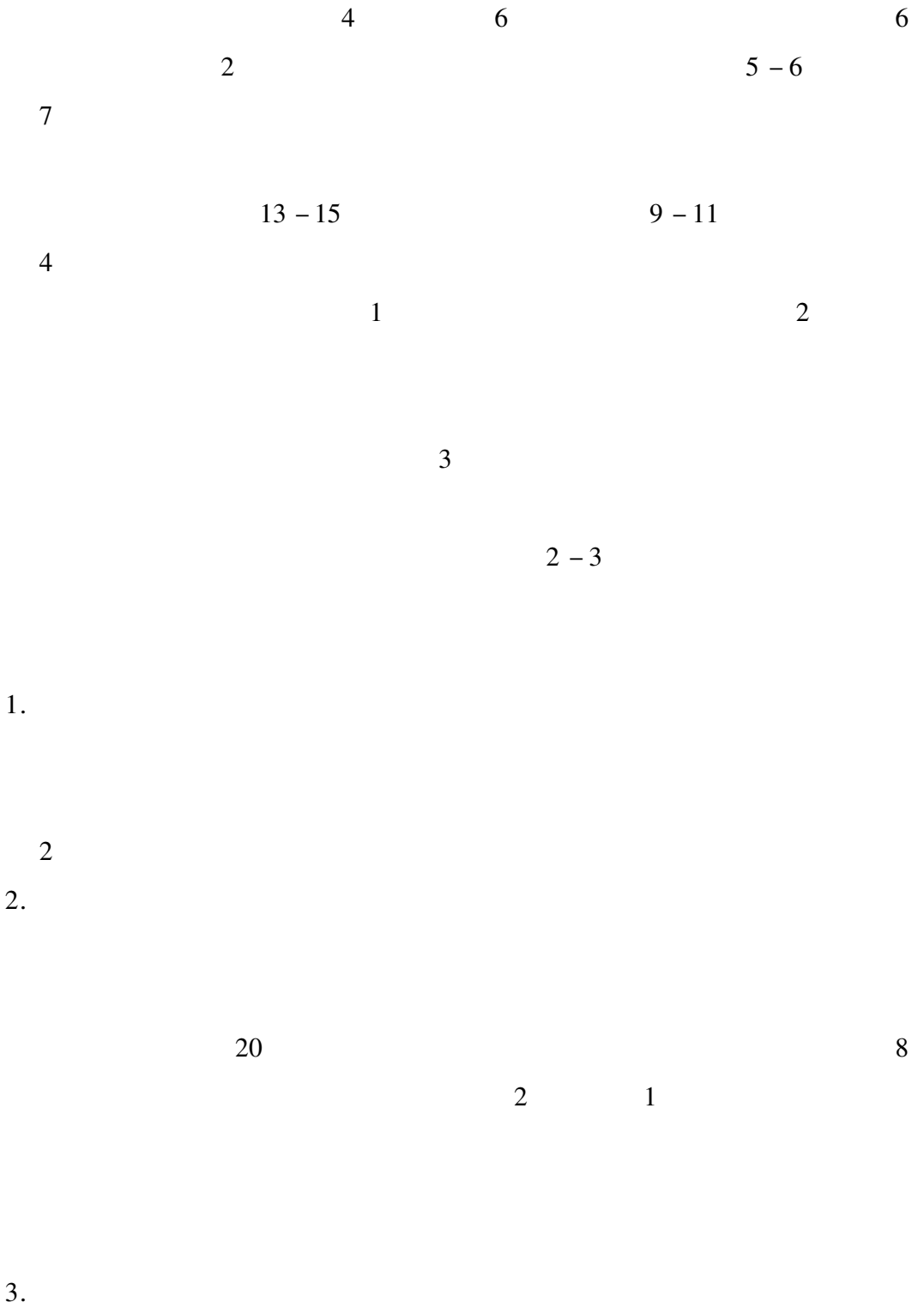
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of Differential Equations Discrete & Continuous Dynamical Systems – Series A Bulletin of the London Mathematical Society Physica D

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	66D0001	Marxism in Contemporary China	36	2			/		
	12D0101	Linear Partial Differential Equations and Applications	32	2					

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- 12 Acta Mathematica Scientia
Website [http //www. sciencedirect. com/science/journal/02529602](http://www.sciencedirect.com/science/journal/02529602)
- 13 Bulletin des Sciences Mathématiques
Website [http //www. sciencedirect. com/science/journal/00074497](http://www.sciencedirect.com/science/journal/00074497)
- 14 Handbook of Differential Equations Evolutionary Equations
Website [http //www. sciencedirect. com/science/handbooks/18745717](http://www.sciencedirect.com/science/handbooks/18745717)
- 15 Journal of Differential Equations
Website [http //www. sciencedirect. com/science/journal/00220396](http://www.sciencedirect.com/science/journal/00220396)
- 16 Journal of the Franklin Institute
Website [http //www. sciencedirect. com/science/journal/00160032](http://www.sciencedirect.com/science/journal/00160032)
- 17 Journal of Functional Analysis
Website [http //www. sciencedirect. com/science/journal/00221236](http://www.sciencedirect.com/science/journal/00221236)
- 18 Journal de Mathématiques Pures et Appliquées
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- 19 Journal of Computational and Applied Mathematics
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- 20 Journal of Mathematical Analysis and Applications
Website [http //www. sciencedirect. com/science/journal/0022247X](http://www.sciencedirect.com/science/journal/0022247X)
- 21 Mathematical Physics with Partial Differential Equations
Website [http //www. sciencedirect. com/science/book/9780123869111](http://www.sciencedirect.com/science/book/9780123869111)
- 22 Nonlinear Analysis Theory Methods & Applications
Website [http //www. sciencedirect. com/science/journal/0362546X](http://www.sciencedirect.com/science/journal/0362546X)
- 23 Nonlinear Analysis Real World Applications
Website [http //www. sciencedirect. com/science/journal/14681218](http://www.sciencedirect.com/science/journal/14681218)
- 24 Physica D Nonlinear Phenomena
Website [http //www. sciencedirect. com/science/journal/01672789](http://www.sciencedirect.com/science/journal/01672789)
- 25 Acta Mathematica Sinica English Series
Website [http //www. springer. com/mathematics/journal/10114](http://www.springer.com/mathematics/journal/10114)
- 26 Journal of Dynamical and Control Systems

- Website [http //www. springer. com/materials/mechanics/journal/10883](http://www.springer.com/materials/mechanics/journal/10883)
- 27 Acta Applicandae Mathematicae
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- 29 Nonlinear Differential Equations and Applications NoDEA
 Website [http //www. springer. com/birkhauser/mathematics/journal/30](http://www.springer.com/birkhauser/mathematics/journal/30)
- 30 Journal of Evolution Equations
 Website [http //link. springer. com/journal/28](http://link.springer.com/journal/28)
- 31 Bulletin of Mathematical Sciences
 Website [http //www. springer. com/birkhauser/mathematics/journal/13373](http://www.springer.com/birkhauser/mathematics/journal/13373)
- 32 Discrete & Continuous Dynamical Systems – Series A DCDS – A
 Website [http //www. aims sciences. org/journals/home. jsp journalID = 1](http://www.aims sciences. org/journals/home. jsp journalID = 1)
- 33 Communications on Pure and Applied Analysis CPAA
 Website [https //www. aims sciences. org/journals/contentsListnew. jsp pubID = 463](https://www.aims sciences. org/journals/contentsListnew. jsp pubID = 463)
- 34 Transactions of the American Mathematical Society
 Website [http //www. ams. org/publications/journals/journalsframework/tran](http://www.ams.org/publications/journals/journalsframework/tran)
- 35 Proceedings of the American Mathematical Society
 Website [http //www. ams. org/publications/journals/journalsframework/proc](http://www.ams.org/publications/journals/journalsframework/proc)
- 36 Communications in Partial Differential Equations
 Website [http //www. scimagojr. com/journalsearch. php q = 25812&tip = sid](http://www.scimagojr.com/journalsearch.php?q=25812&tip=sid)
- 37 Nonlinearity
 Website [http //iopscience. iop. org/0951 – 7715](http://iopscience.iop.org/0951-7715)
- 38 Communications on Pure and Applied Mathematics
 Website [http //onlinelibrary. wiley. com/journal/10. 1002/ ISSN 1097 – 0312](http://onlinelibrary.wiley.com/journal/10.1002/ISSN1097-0312)
- 39 Bulletin of the London Mathematical Society
 Website [http //www. lms. ac. uk/publications/blms](http://www.lms.ac.uk/publications/blms)
- 40 Proceedings of the Royal Society of Edinburgh Section A Mathematics
 Website [http //www. ingentaconnect. com/content/rse/proca](http://www.ingentaconnect.com/content/rse/proca)

Power System and Its Automation

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	66D0001	Marxism in Contemporary China	36	2			/		
	88D0001	Applied Functional Analysis	48	3					
	88D0002	Modern Methods in Partial Differential Equations	32	2					
	88D0003	Stochastic Differential Equations	32	2					
	88D0004	Multivariate Statistics Analysis	32	2					2 – 4
	88D0005	Reliability Analysis	32	2					
	88D0006	Artificial Neural Networks	32	2					
	88D0007	Dynamical Systems Chaos and Fractals	48	3					
	06D0101	Special Topics on Power System and Its Automation	16	1		/	/		
	06D0102	Theory and Method of Power System Modeling	32	2		/	/		
	06D0103	Intelligent Control and System	32	2		/	/		2
	06D0104	Power System Nonlinear Analysis and Control	32	2		/	/		
			Second Foreign Language	48	2				

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- 19 IET Generation Transmission & Distribution ISSN 1751 – 8687
- 20 IET Renewable Power Generation ISSN 1752 – 1416
- 21 International Journal of Electrical Power & Energy Systems ISSN 0142 – 0615
- 22 Journal of modern power systems and clean energy ISSN 2196 – 5625 print ISSN 2196 – 5420
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- 23 ISSN 0258 – 8013
- 24 ISSN 1000 – 6753
- 25 ISSN 1007 – 449X
- 26 ISSN 0254 – 0096
- 27 ISSN 1000 – 1026
- 28 ISSN 1006 – 6047
- 29 ISSN 1000 – 3673
- 30 ISSN 1003 – 6520

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3. Telemetering and Information Network
4. Microwave Technology and Its application
5. Internet of things and its Application

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- 3 2001.
- 4 1986.
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- 9 Thomas M. Cover Joy A. Thomas 2 2008.
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Computer Science and Technology

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9 - 11	00D0001	First Foreign Language	48	2							
	66D0001	Marxism in Contemporary China	36	2			/				
	88D0004	Multivariate Statistics Analysis	32	2							
	88D0005	Reliability Analysis ³² 2									
	88D0006	Artificial Neural Networks	32	2							
	07D0103	Advanced Logic	32	2		/	/			2 - 4	
	07D0106	Computability & Computational Complexity	32	2		/	/				
	07D0109	Formal Semantics	32	2		/	/				
	07D0104	Special Topic on Computer Science and Technology	16	1		/	/				
	07D0108	Novel Software Architecture	32	2		/	/				
	07D0102	Distributed Computing & Systems	32	2		/	/				
	07D0101	Web Knowledge Representation on the Web	32	2		/	/			2	
	07D0105	Visualization in Scientific Computing	32	2		/	/				
			Second Foreign Language	48	2						

66D0002 Intensive Readings of Original
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- 1 Thomas H. Cormen Charles E. Leiserson Ronald L. Rivest Clifford Stein
3 ISBN 9787111407010
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- 3 Hopcroft J. E 3
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- 7 8 IS-
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- 8 6 ISBN
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- 9 Mitchell T. M. ISBN 9787111109938
- 10 3 ISBN
9787302252955
- 11 ACM Transactions on Computer Systems ACM [http //tocs. acm. org/](http://tocs.acm.org/)
- 12 IEEE Transactions on Computers IEEE [http //www. computer. org/portal/web/tc](http://www.computer.org/portal/web/tc)
- 13 ACM Transactions on Architecture and Code Optimization ACM [http //taco. acm. org/](http://taco.acm.org/)
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Geotechnical Engineering

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1. Fundamental Behaviour and Constitutive Theory of Soil
2. Designing Theory and Technique for High Earth Dam
3. Soft Subsoil Improvement and Foundation Engineering

4. Rock Mechanics and Rock Mass Engineering

5. Seepage Theory and Testing for Geomaterial

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	66D0001	Marxisam in Contemporary China	36	2			/			
	88D0002	Modern Methods in Partial Differential Equations	32	2						2 – 4
	88D0003	Random Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						
	88D0004		32	2						
	88D0006	Artificial Neural Networks	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	04D0101	Special Topics on Geotechnical Engineering	16	1		/	/			
	04D0102	Modern Geomechanics	32	2		/	/			2
	04D0103	Unsaturated Soil Mechanics	32	2		/	/			
04D0104	Modern Technology in Geotechnical Engineering	32	2		/	/				
4		Second Foreign Language	48	2						
	66D0002	Intensive Readings of Original Works of Marxism	18	1			/			2
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- 1 . M . 2007.
- 2 . M . 2002.
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- 45 International Journal of Rock Mechanics and Mining Sciences ISSN 1365 – 1609 J .
- 46 International Journal for Numerical and Analytical Methods in Geomechanics ISSN 1096 – 9853 J .
- 47 Ocean Engineering ISSN 0029 – 8018 J .
- 48 Journal of Earthquake Engineering ISSN 1363 – 2469 J .
- 49 Marine Georesources & Geotechnology ISSN 1064 – 119X J .
- 50 Geophysical Journal International ISSN 1365 – 246X J .
- 51 Applied Ocean Research ISSN 0141 – 1187 J .
- 52 Earthquake Spectra ISSN 8755 – 2930 J .
- 53 Soil Dynamic and Earthquake Engineering ISSN 0267 – 7261 J .
- 54 Earthquake Engineering and Engineering Vibration ISSN 1671 – 3664 J .
- 55 Bulletin of the Seismological Society of America ISSN 0037 – 1106 J .
- 56 Probabilistic Engineering Mechanics ISSN 0266 – 8920 J .
- 57 China Ocean Engineering ISSN 0890 – 5487 J .
- 58 Applied Mathematics and Mechanics ISSN 0021 – 8928 J .
- 59 Journal of Zhejiang University – SCIENCE A ISSN 1673 – 565X J .

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Structural Engineering

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1. The Basic Theory and Modern – times
Calculation Method of R. C. Structures
2. The Basic Theory and Analysis Method of
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3. – The Behavior and Design of
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4. The Appraisal Strengthening

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	66D0001	Marxism in Contemporary China	36	2			/				
	88D0001	Applied Functional Analysis	48	3						2 – 4	
	88D0003	Random Differential Equations	32	2							
	88D0002	Modern Methods in Partial Differential Equations	32	2							
	88D0005	Reliability Analysis	32	2							
	88D0006	Artificial Neural Networks	32	2							
	88D0007	Dynamical Systems Chaos and Fractals	48	3							
	04D0201	Special Topic on Structural Engineering	16	1		/	/			2	
	04D0202	Advanced Reinforced Concrete Structures	32	2		/	/				
	04D0203	Advanced Steel Structures	32	2		/	/				
	10D0102	Advanced Structural Experimental Mechanics & Testing Technique	32	2		/	/				
	10D0103	Constitutive Theory of Engineering Materials	32	2		/	/				
	4		Second Foreign Language	48	2						2
		66D0002	Intensive Readings of Original Works of Marxism	18	1			/			
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- 37 J .
- 38 J .
- 39 Materials and Structures ISSN 1359 – 5997 J .
- 40 Journal of Steel & Composite Structures ISSN 1229 – 9367 J .
- 41 Structural Engineering and Mechanics ISSN 1225 – 4568 J .
- 42 ACI Materials Journal ISSN 0889 – 325X J .
- 43 ACI Structural Journal ISSN 0889 – 3241 J .

- 44 Journal of Earthquake Engineering ISSN 1363 – 2469 J .
- 45 Journal of Engineering Mechanics ISSN 0733 – 9399 J .
- 46 Journal of Structural Engineering ISSN 0733 – 9445 J .
- 47 Advances in Structural Engineering ISSN 1369 – 4332 J .
- 48 Construction and Building Materials ISSN 0950 – 0618 J .
- 49 Earthquake Engineering and Structural Dynamics ISSN 0098 – 8847 J .
- 50 Journal of Constructional Steel Research ISSN 0143 – 974X J .
- 51 Journal of Earthquake Engineering ISSN 1363 – 2469 J .
- 52 The Magazine of Concrete Research ISSN 0024 – 9831 J .
- 53 Engineering Structures ISSN 0141 – 0296 J .

081403

Urban Construction

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1. Theory and Technology for Drinking Water
Safety
2. Optimization Theory and Technology for Urban
Water S

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	66D0001	Marxiam in Contemporary China	36	2			/		
	05D0202	Bio – chemical Engineering	32	2			/		
	05D0203	Advanced Organic Analysis	32	2			/		
	05D0204	Chemical Kinetics and Reactor Theory	32	2			/		
	05D0205	Ecological Construction and Management	32	2			/		

05D0208 Groundwa

- 1 Environmental Science and Technology J
- 2 Water Research J
- 3 Water Science and Technology J
- 4 Desalination J
- 5 Separation and Purification Technology J
- 6 Journal of Hazardous Material J
- 7 Journal of Water Supply Research and Technology – AQUA J
- 8 Journal of Water and Health J
- 9 J
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- 20 2008
- 21 Mogens Henze

Disaster Prevention Mitigation and Protection Engineering

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1. Seismic – Induced Catastrophe and Seismic Protection
of Engineering Structures
2. Explosion Mechanics and Prevention of Explosion Dis-
asters
3. Seismic Base Isolation and Vibration Control
4. Prevention and Mitigation of City Disasters

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9 – 11	00D0001	First Foreign Language	48	2						
	66D0001	Marxism in Contemporary China	36	2			/			
	88D0001	Applied Functional Analysis	48	3						2 – 4
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0004	Multivariate Statistical Analysis	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	04D0301	Special Topic on Disaster Prevention Mitigation and Protection Engineering	16	1			/	/		
	04D0302	Anti – seismic and Prevention of Lifeline Engineering	32	2			/	/		2
	04D0304	Disaster Science	32	2			/	/		
	04D0303	Explosion Dynamics	32	2			/	/		
		Second Foreign Language	48	2						
4	66D0002	Intensive Readings of Original Works of Marxism	18	1			/			2
			32	2			/	/		
	04D0305	Mechanism and Control of Soil Liquefaction	32	2			/	/		
	04D0306	Protective Technology and Structural Mechanisms against Collapse	32	2			/	/		
	99D0103									
	99D0101									
	99D0102									

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- 2 . M . 2003.
- 3 . M . 2006.
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- 33 International Journal of Rock Mechanics and Mining Sciences J .
- 34 International Journal of Impact Engineering J .
- 35 International Journal for Numerical and Analytical Methods in Geomechanics J .
- 36 International Journal for Numerical Methods in Engineering J .
- 37 Earthquake Engineering and Structural Dynamics J .
- 38 Earthquake Spectrum J .
- 39 International Journal of Solids and Structures J .
- 40 Journal of Sound and Vibration J .
- 41 Soil Dynamics and Earthquake Engineering J .
- 42 Engineering Structures J .
- 43 Journal of Structural Engineering ASCE J .

- 44 ACI Structural Journal J .
- 45 Magazine of Concrete Research J .
- 46 Journal of Composites for Construction J .
- 47 Shock Waves J .

Bridge

5.

Water Disaster Prevention and Control of

Tunnel Engineering

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Design and Construction of Shield Tunnel

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Optimization Study of Tunnel Supporting Sys-

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Numerical Simulation of Underground

Engineering and Risk Assessment of Subway Engineerin

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	66D0001	Marxism in Contemporary China	36	2			/			
	88D0001	Applied Functional Analysis	48	3						
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Random Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						2 – 4
	88D0006	Artificial Neural Networks	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	04D0403	Special Topic on Bridge and Tunnel Engineering	16	1		/	/			
	04D0404	Cable – supported Bridge	32	2		/	/			
	04D0405	Bridge Vibration and Stability Analysis	32	2		/	/			2
	04D0104	Modern Technology in Geotechnical Engineering	32	2		/	/			
		Second Foreign Language	48	2						
	4	66D0002	Intensive Readings of Original Works of Marxism	18	1			/		
10D0102		Advanced Structural Experimental Mechanics & Testing Technique	32	2						
04D0406		Bridge Seismic and Damage Control	32	2		/	/			
04D0407		Composite and Novel Prestressed Concrete Bridge	32	2		/	/			2
04D0408		Back Analysis of Underground Engineering	32	2		/	/			
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39 Rock Mechanics and Rock Engineering J .

40 Journal of Bridge Engineering J .

41 Journal of Constructional Steel Research J .

42 Journal of Structural Engineering J .

43 Engineering Structures J .

44 Computer – aided civil and infrastructure engineering J .

45 Journal of earthquake engineering and structural dynamic J .

- 46 Geomechanics and Tunnelling J .
- 47 Tunnels and Tunneling International J .
- 48 Tunneling and Underground Space Technology J .

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Construction and Management of Civil Engineering

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1. Construction Technology of Civil Engineering
2. Safety and Risk Management of Civil Engineering Construction
3. Quality Control of Project Life Cycle
4. Sustainable Construction for Project
5. Investment of Construction Project

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88D0002	Modern Methods in Partial Differential Equations	32	2						2 – 4
88D0003	Random Differential Equations	32	2						
88D0005	Reliability Analysis	32	2						
88D0006	Artificial Neural Networks	32	2						
88D0007	Dynamical Systems Chaos and Fractals	48	3						
13D0102	Management System Engineering	32	2						

04D0501 Special Topic on Construction and Management of Civil Engineering 1

- 1 . 1 M . 2007.
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- 26 Journal of Construction Engineering and Management ISSN 0733 –9364
- 27 Automation in Construction ISSN 0926 –5805 J .
- 28 Reliability Engineering & System Safety ISSN 0951 –8320 J .
- 29 Geotechnical Testing Journal ISSN 0149 –6115 J .
- 30 Structure and Infrastructure Engineering ISSN 1573 –2479 J .
- 31 Journal of Bridge Engineering ISSN 1084 –0702 J .
- 32 Journal of Structural Engineering ISSN 073

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Civil Engineering Materials

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1. Concrete Materials
2. Composite Materials
3. New Construction Materials
4. Structural Metal Materials

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Geotechnical Synthetic Materials

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	88D0001	Applied Functional Analysis	48	3						2 – 4
	88D0003	Random Differential Equations	32	2						
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						
	88D0006	Artificial Neural Networks	32	2						
	10D0201	Special Topic on Civil Engineering Materials	16	1		/	/			2
	10D0202	Plastic Deformation and Fracture	32	2		/	/			
	10D0203	Modern Concrete Technology	32	2		/	/			
	1010D05	New Composite Materials	32	2		/	/			
4		Second Foreign Language	48	2						
	66D0002	Selected Readings in Marxist Classics	18	1			/			2
	10D0204	Surface and Interface of Materials	32	2		/	/			
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- 1 . M . 2010.
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- 3 M . 2008.
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Hydrology and Water Resources

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	88D0001	Applied Functional Analysis	48	3							
	88D0003	Stochastic Differential Equations	32	2							
	88D0002	Modern Methods in Partial Differential Equations	32	2							
	88D0004	Multivariate Statistics Analysis	32	2						2 – 4	
	88D0006	Artificial Neural Networks	32	2							
	88D0007	Dynamical Systems Chaos and Fractals	48	3							
	01D0101	Advances in Hydrology and Water Resources	16	1		/	/				
	01D0102	Multi – objective Theory of Water Resources Systems	32	2		/	/				
	01D0103	Distributed Hydrological Model	32	2		/	/			2	
	01D0104	Advanced Groundwater Dynamics	32	2		/	/				
	4		The Second Foreign Language	48	2						
		66D0002	Intensive Readings of Original Works of Marxism	18	1			/			
01D0105		Theory of Digital Watershed	32	2		/	/				
01D0106		Uncertainty Analysis of Hydrology and Water Resources	32	2		/	/				
01D0107		Global Climate Change and Water Cycle	32	2		/	/			2	
01D0108		The Art of Scientific Presentation and Writing in English	16	1		/					
						/	/				
	99D0103										
	99D0101										
	99D0102										

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- 56 Journal of Geophysical Research American Geophysical Union
- 57 Journal of Hydrology o

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Hydraulics and River Dynamics

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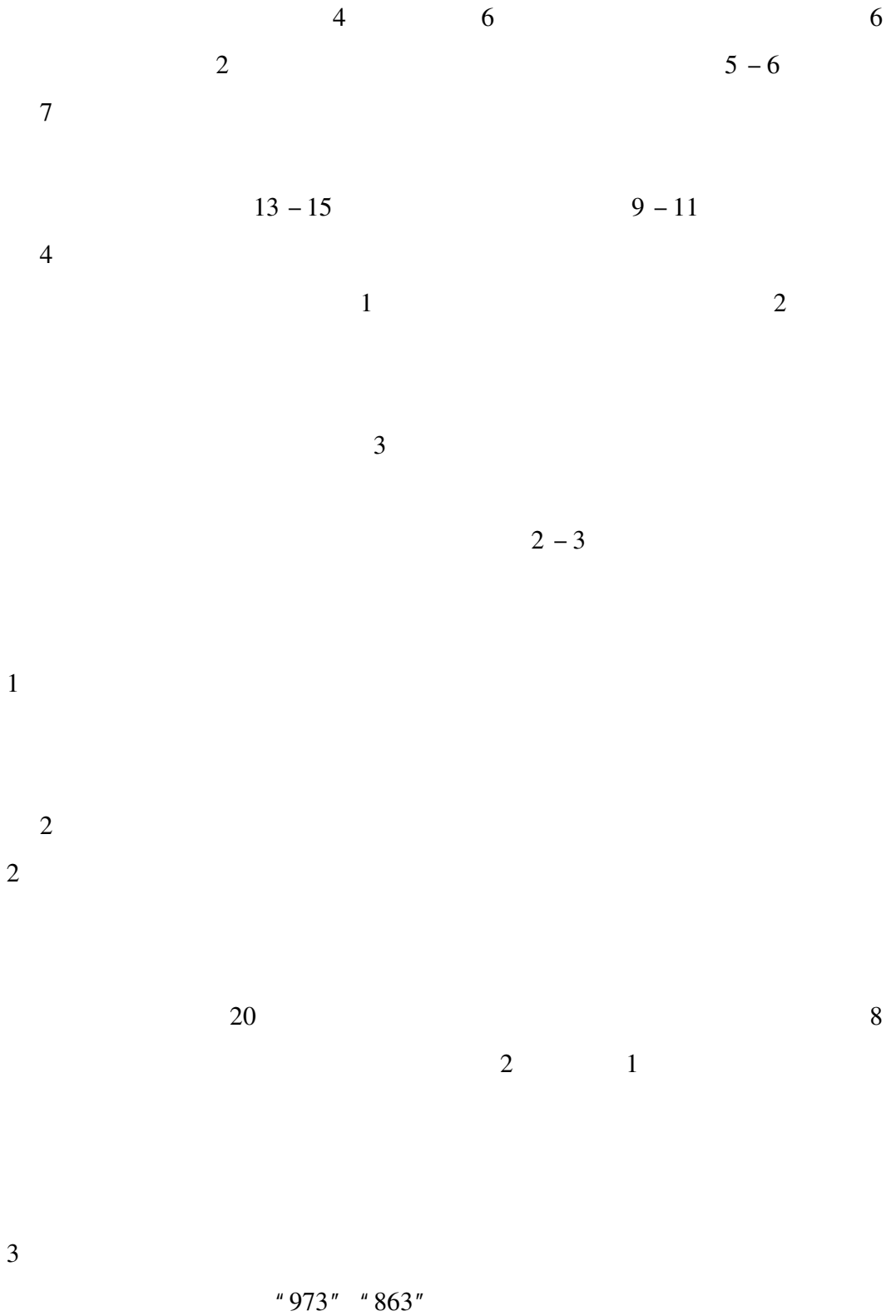
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1. River Management Aquatic Ecology and Environment
2. Theory and Applications of Engineering Hydraulics
3. Flow Sediment Transportation and Its Applications in River Engineering
4. Engineering Seepage and Groundwater Environment



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	66D0001	Marxism in Contemporary China	36	2			/		
	88D0001	Applied Functional Analysis	48	3					2 – 5
	88D0004	Multivariate Statistics Analysis	32	2					
	88D0005	Reliability Analysis	32	2					
	88D0007	Dynamical Systems Chaos and Fractals	48	3					
	02D0101	Special Topic on Hydraulics and Fluvial Dynamics	16	1		/			
	02D0102	Research Progress of Engineering Hydrodynamics	32	2		/	/		2
	02D0103	Advanced Sedimentation and Application	32	2		/	/		
	02D0104	Fluid flow and Coupled Thermo – hydro – mechanical – chemical THMC Processes in Fractured Porous Media	32	2		/	/		
		Second Foreign Language	48	2					
4	66D0002	Intensive Readings of Original Works of Marxism	18	1			/		2
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51	Journal of Hydraulic Engineering
52	Irrigation and Drainage
53	Natural Hazards
54	Journal of Hydrology
55	Engineering Application of Computational Fluid Mechanics
56	Journal of Hydrodynamics
57	China Environmental Science
58	Earth – Science Reviews
59	Environmental Fluid Mechanics
60	International Journal of Rock Mechanics and Mining Sciences
61	Journal of the Environmental Engineering
62	Ground Water
63	Environmental Science and Technology
64	Water Resources Research
65	Journal of Hydraulic Research
66	Canada Journal of Civil Engineering

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Hydraulic Structure Engineering

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	88D0001	Applied Functional Analysis	48	3						2 – 5
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Stochastic Differential Equations	32	2						
	88D0006	Artificial Neural Networks	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	02D0201	Special Topic on Hydraulic Structure	16	1		/				
	02D0202	Safety Monitoring Theory and Its Application for Hydraulic Structures	32	2		/	/			2
	02D0203	Dynamics Analysis and Model Experimental of Hydraulic Structures	32	2		/	/			
	02D0204	The Theory and Application of Structure Optimization Design	32	2		/	/			
02D0205	The Discrete Element Method and Mechanics of Granular Materials	32	2		/	/				
02D0403	Safety Management of Water Conservancy Project	32	2		/	/				
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37 International Water Power and Dam Construction

38 Geosynthetics International

39 Geotextiles & Geomembranes

40 Hydropower & Dam Construction

41 International Journal for Numerical Methods in Engineering

42 Canadian Geotechnical Journal

43	International Journal for Numerical and Analytical Methods in Geomechanics
44	Computers and Geotechnics
45	Journal of Geotechnical and Geoenvironmental Engineering
46	Geotechnical Testing Journal
47	Geotechnique
48	Structural Health Monitoring
49	Journal of Advanced Concrete Technology
50	Cement and Concrete Research

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Water Conservancy and Hydropower Engineering

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2.	/	Hydraulics/Structure of Hydropower Station and Pump Station
3.		Hydraulic Transient and Safety Control of Hydraulic Unit
4.		Technique of Pumped – storage Project and Renewable Energy
5.		Agricultural Water Conservancy and Water – saving Irrigation

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	88D0001	Applied Functional Analysis	48	3					2 – 4
	88D0002	Modern Methods in Partial Differential Equations	32	2					
	88D0003	Stochastic Differential Equations	32	2					
	88D0005	Reliability Analysis	32	2					
	88D0007	Dynamical Systems Chaos and Fractals	48	3					
	02D0301	Special Topic on Water Conservancy and Hydropower Engineering	16	1			/		
	02D0302	Fluid Transients II	32	2			/	/	2
	02D0303	New Theory of Water Conservancy and Hydropower System Planning and Operation	32	2			/	/	
	02D0304	Detection and Fault Diagnosis of Hydroelectric Units	32	2			/	/	
02D0502	Modern Theory of Irrigation and Drainage	32	2			/	/		
	Second Foreign Language	48	2						
4	66D0002	Intensive Readings of Original Works of Marxism	18	1			/		2
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Harbor Coastal and Offshore Engineering

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1. Hydrodynamics of Estuary Coastal and Off – shore Engineering
2. Coastal Storm Disaster and Its Mitigation
3. Sedimentation in Harbor Navigation Engineering and Dredging
4. Engineering Structure and Its Inter – action with Surrounding Medium
5. Economy Planning and Management of Water-



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	88D0001	Applied Functional Analysis	48	3						2 – 4
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						
	88D0006	Artificial Neural Networks	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	03D0101	Special Topic	16	1	/	/	/			2
	03D0102	Advanced Coastal Dynamics	32	2		/	/			
	03D0103	Advanced Theory and Method of Structure Analysis +	32	2		/	/			
	4		Second Foreign Language	48	2					
66D0002		Intensive Readings of Original Works of Marxism	18	1		/	/			
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26 Journal of Ocean University of China

27 Journal of Marine Science and Application

28 Journal of Coastal Research

29 Coastal Engineering

30 Ocean Engineering

31 China Ocean Engineering

32 Hydrogeology Journal

33 Estuarine Coastal and Shelf Science

34 Journal of Waterway Port Coastal and Ocean Engineering

35 Journal of Sedimentary Research

36 American Association of Petroleum Geologists

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Urban Water Affairs

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1. Urban Water Cycle Mechanism
2. Urban Water Engineering Planning and Management
3. Urban Water Environment and Ecology
4. Urban Water Engineering

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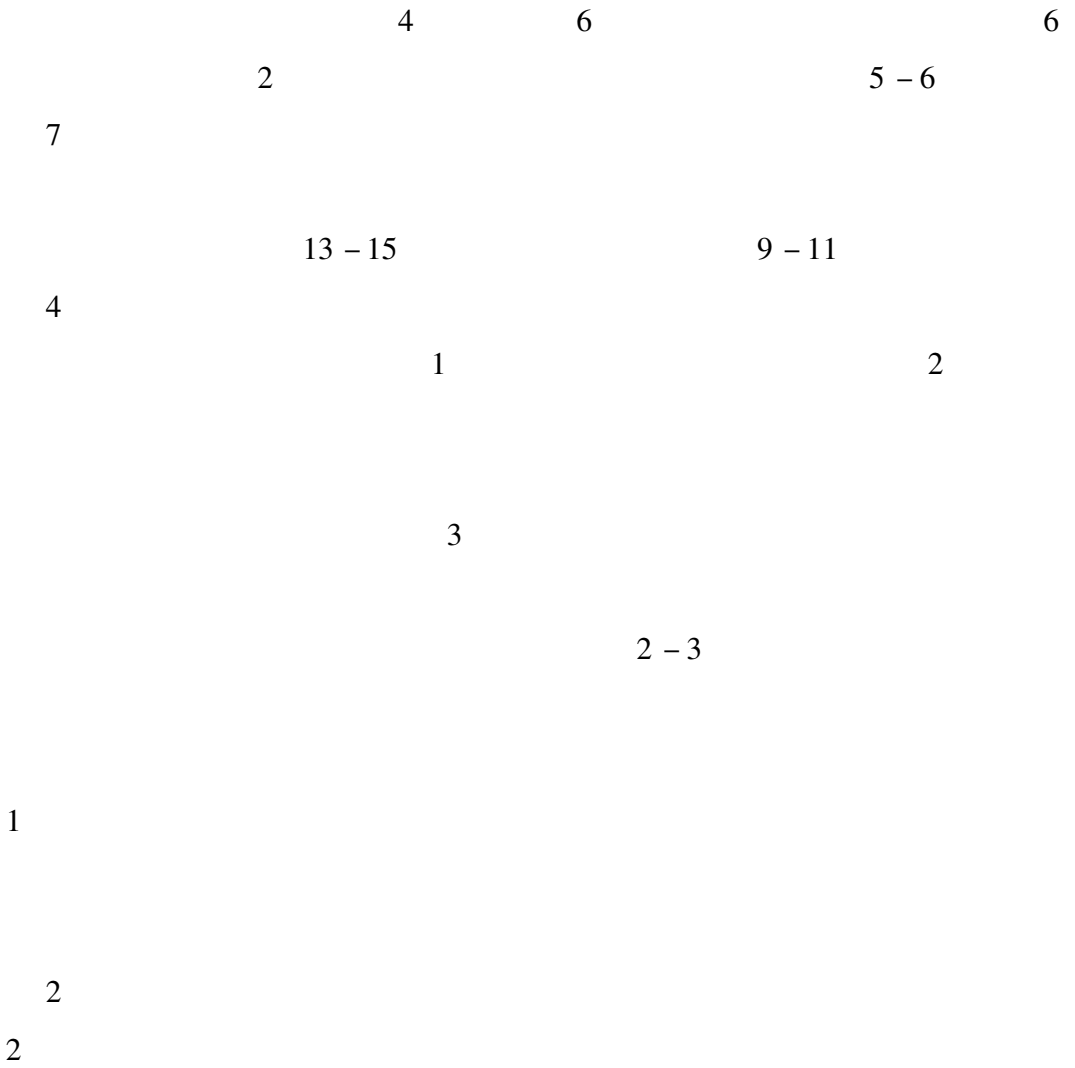
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Construction and Management of Water Resources and Hydropower

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	66D0001	Marxism in Contemporary China	36	2			/			
	88D0002	Modern Methods in Partial Differential Equations	32	2						2 - 4
	88D0003	Stochastic Differential Equations	32	2						
	88D0005	Reliability Analysis ³² 2								
	88D0006	Artificial Neural Networks	32	2						
	13D0107	Theory and Method of Project Management	32	2						
	13D0102	Management System Engineering	32	2						
	02D0401	Special Topics on Water Conservancy and Hydropower Construction Management	16	1			/			
	02D0402	Running Management on Water Conservancy and Hydropower	32	2			/	/		2
	02D0403	Safety Management of Water Conservancy Project	32	2			/	/		
02D0404	Technology of Water Conservancy Information	32	2			/	/			
4		Second Foreign Language	48	2						
	66D0002	Intensive Readings of Original Works of Marxism	18	1			/			2
			32	2			/	/		
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Advances in Water Resources
Water Science and Technology
Water Science and Engineering
Journal of Hydraulic Engineering
Journal of Hydraulic Research
Journal of Hydrodynamics
Construction and Management
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Journal of Construction Engineering and Management
International Journal of Project Management

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Geodesy and Surveying Engineering

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1. Modern Theory and Method of Surveying Engineering
2. Theory and Technique of Precise Engineering Surveying
3. Deformation Monitoring and Safety Control

Theory and Technology

4. Satellite geodesy and application

5. Fusion and Application of Multi – source Remote

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6. GIS Virtual Reality Technology and Three – dimension-

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7. Satellite Precise Positioning

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	88D0001	Applied Functional Analysis	48	3						2 – 4
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Stochastic Differential Equations	32	2						
	88D0004	Multivariate Statistics Analysis	32	2						
	88D0005	Reliability Analysis	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	11D0201	Special Topics on Geodesy and Surveying Engineering	16	1		/				2
	11D0202	Modern Geodesy	32	2		/				
	11D0203	Data Processing Theory of Geomatics	32	2		/	/			
4		Second Foreign Language	48	2						
	66D0002	Intensive Readings of Original Works of Marxism	16	1			/			2
	11D0204	Theory and Applications of Safety Monitoring	32	2		/	/			
	11D0205	Virtual Reality Technology and Applications	32	2		/	/			
	11D0206	Analysis and Application of Multi-source Remote Sensing Data	32	2		/	/			
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	66D0001	Marxsim in Contemporary China	36	2				/		
	88D0001	Applied Functional Analysis	48	3						2 – 4
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Stochastic Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						
	11D0301	Applied Geophysics	32	2		/	/			
	11D0302	Special Topics on Geo – engineering	16	1		/	/			
	11D0303	Applied Geochemistry	32	2		/	/			2
	11D0304	Technology of Physical Exploration & well logging	32	2		/	/			
	11D0305	Geochemical Survey	32	2		/	/			
	Second Foreign Language	48	2							
4	66D0002	Intensive Readings of Original Works of Marxsim	18	1				/		2
	11D0103	Theory and Method for Tracing Groundwater	32	2		/	/			
	11D0405	Theory and Method for Geo – environmental Monitoring	32	2		/	/			
	11D0404	Theory and Method for Geo – hazard Remediation	32	2		/	/			
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1. Geological Body Stability
2. Safety Monitoring for Geological Body
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4. Geological environment and Hazard

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	66D0001	Marxsim in Contemporary China	36	2			/			
	88D0001	Applied Functional Analysis	48	3						
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Stochastic Differential Equations	32	2						2 – 4
	88D0005	Reliability Analysis	32	2						
	11D0101	Geo – Modeling and Numerical Analysis	32	2						
	11D0401	Special Topics on Geo – engineering	16	1		/	/			
	11D0402	Theory and Method for Geo – body Stability	32	2		/	/			
	11D0403	Modern Hydrogeology	32	2		/	/			2
	11D0404	Theory and Method for Geo – hazard Remediation	32	2		/	/			
		Second Foreign Language	48	2						
	66D0002	Intensive Readings of Original Works of Marxsim classics	18	1			/			
	11D0405	Theory and Method for Geo – environmental Monitoring	32	2		/	/			
4	11D0103	Theory and Method for Tracing Groundwater	32	2						

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Groundwater Science & Engineering

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2. Groundwater Problems in Engineering
3. Groundwater Resources and Environment

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	66D0001	Marxism in Contemporary China	36	2			/			
	88D0001	Applied Functional Analysis	48	3						2 – 4
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Stochastic Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						
	11D0101	Geo – modeling & Numerical Analysis	32	2						
	11D0102	Special Topics on Groundwater Science and Engineering	16	1		/	/			
	11D0103	Theory and Method for Tracing Groundwater	32	2		/	/			2
	11D0104	Dynamics of Groundwater in Rock Mass	32	2		/	/			
	11D0105	Advanced Hydrogeochemistry	32	2		/	/			
	Second Foreign Language	48	2							
4	66D0002	Intensive Readings of Original Works of Marxism	18	1			/			2
	11D0405	Theory and Method for Geo – environmental Monitoring	32	2		/	/			
	11D0404	Theory and Method for Geo – hazard Remediation	32	2		/	/			
	11D0304	Technology of Physical Exploration & well logging	32	2		/	/			
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Geo – Information Engineering

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	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0004	Multivariate Statistical Analysis	32	2						
	88D0006	Artificial Neural Networks	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	11D0501	Special Topic on Geo – Information Engineering	16	1		/	/			
	11D0502	Geo – Information Science	32	2		/	/			2
	11D0503	Earth Observation	32	2		/	/			
01D0104	Advanced Groundwater Dynamics	32	2		/	/				
	Second Foreign Language	48	2							
4	66D0002	Selected Readings in Marxist classics	18	1			/			2
	01D0105	Theory of Digital Watershed	32	2		/	/			
	11D0504	Geo – Analysis and Modeling	32	2		/	/			
	11D0505	RS Image Understanding	32	2		/	/			
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Agricultural Engineering

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2. Agricultural Bio – environment and Energy Engi-

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	88D0001	Applied Functional Analysis	48	3						2 – 5
	88D0002	Modern Methods in Partial Differential Equations	32	2						
	88D0003	Stochastic Differential Equations	32	2						
	88D0005	Reliability Analysis	32	2						
	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	02D0501	Special Topics on Agricultural Engineering	16	1			/			
	02D0502	Modern Theory of Irrigation and Drainage	32	2			/	/		2
	02D0503	Modern Agricultural Soil and Water Environment	32	2			/	/		
4		Second Foreign Language	48	2						
	66D0002	Intensive Readings of Original Works of Marxism	18	1			/			2
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Applied Engineering in Agriculture
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Agriculture and Forestry Meteorology
Journal of Soil and Water Conservation
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3. Mechanical Engineering of Water Resources and Automation
4. Advanced Materials and Processing Technology

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33	IEEE Transactions on Control Systems Technology	IEEE	
34	IEEE Transactions on Fuzzy Systems	IEEE	
35	IEEE – Asme Transactions on Mechatronics	IEEE	
36	IEEE Transactions on Industrial Electronics	IEEE	
37	IET Control Theory and Applications	IET	
38	JOURNAL OF HYDRAULIC RESEARCH	International Association for Hydraulic Research	
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	05D0103	Modern Biology	32	2			/			
	05D0101	Special Topic on Environmental Science & Engineering	16	1			/	/		2
	05D0104	Development of Environmental Science & Technology	32	2			/	/		
	05D0105	Ecological System Theory	32	2			/	/		
05D0106	Modern Environmental Simulation Technology	32	2			/	/			
4		Second Foreign Language	48	2						
	66D0002	Selected Readings in Marxist Classics	18	1			/			2
	05D0107	Modern Detecting Technology	32	2			/	/		
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45	Environmental Management
46	Environmental Research
47	Environmental Toxicology
48	Environmental Toxicology and Chemistry
49	Journal of Environmental Sciences
50	Water Air & Soil Pollution
51	Journal of Environmental Quality
52	Water Resource Research

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Ecohydraulic Engineering

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1. Ecohydrology and Ecohydraulics
2. Evolution Mechanism of Aquatic Ecosystems
3. Utilization and Protection of Water Resources
4. Protection and Remediation of Aquatic Ecological En-

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5. Water Resources Planning and Management and Ecological Effects of Engineering

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	88D0002	Modern Methods in Partial Differential Equations	32	2						
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	88D0007	Dynamical Systems Chaos and Fractals	48	3						
	01D0201	Advances in Ecohydrology	16	1		/	/			2
	01D0202	Watershed Ecology	32	2		/	/			
	01D0203	Ecohydraulics	32	2		/	/			
	01D0204	Engineering Ecology	32	2		/	/			
	01D0205	Remediation Ecology	32	2		/	/			
4		Second Foreign Language	48	2						
	66D0002	Intensive Readings of Original Works of Marxism	18	1			/			2
	01D0206	Advanced Hydrobiology	32	2		/	/			
	01D0207	Advances in technology of molecular ecology	16	1		/	/			
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- 34 Environment International Elsevier.
- 35 Environmental Pollution Elsevier.
- 36 Nature Climate Change Nature Publishing Group.
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4. Interaction Between Coastal Structure and Natural Environment
5. Coastal & Estuarine Eco – environment and Wet Land Protection

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	03D0201	Special Topic	16	1		/	/		
	03D0102	Advanced Coastal Dynamics	32	2		/	/		2
	03D0202	Advance in Ocean Environment Research	32	2		/	/		
4	00D0002	Second Foreign Language	48	2					
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- 21 Ocean Engineering
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- 28 Chinese Journal of Oceanology and Limnology
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	13D0107	Theory and Method of Project Management	32	2						
	13D0108	Information Management and Decision Supporting System	32	2						
	13D0103	Financial Engineering and Risk Management	32	2						
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	66D0002	Selected Readings in Marxist classics	18	1			/			
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Resettlement Science and Management

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	15D0203	Resettlement Policy and Implementation Management	32	2		/	/			
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	13D0205	Technology Innovation and Knowledge Management	32	2						
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	13D0207	Business Management and Marketing	32	2						
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	66D0002	Selected Readings in Marxist classics	18	1			/			2
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