

IES New Books of 2017				
Item	Call No.	Title	Edition	Publication
1	312.32P97 0400 2017	Deep Learning : 用Python進行深度學習的基礎理論實作 / 藤康毅著 吳嘉芳譯;"用Python進行深度學習的基礎理論實作"	初版	台北市 : 碁峰資訊, 2017
2	312.49M384 4484 2016	MATLAB程式設計實務 / 莊鎮嘉, 鄭錦聰編著	四版	新北市 : 全華圖書, 2016[民105]
3	312.73 4464 2017	資料結構 : 使用Python = Data structures Using Python / 蔡明志著;"使用Python"	初版	台北市 : 碁峰資訊, 2017
4	350.8 2133 no.30	天然氣水合物研究專輯		新北市: 中央地質調查所, 2016
5	354.4933 4341 2017	臺灣地震寫真老照片(1935年) / 闕正宗, 張益碩導讀		新北市 : 博揚文化, 2017
6	782.88 3633 2016	温家宝地质笔记 / 温家宝著		北京 : 地質出版社, 2016
7	HV638.5 D479 2016	Detecting, modelling and responding to effusive eruptions / edited by A. J. L. Harris, Universite Blaise Pascal, France, T. De Groeve, Joint Research Centre of the European Commission, Italy, F. Garel, Universite de Montpellier, France, and S. A. Carn, Michigan Technological University, USA		London : The Geological Society, 2016
8	QA76.73.P98 F199	Python data analysis : data manipulation and complex data analysis with Python / Armando Fandango	Second edition	Birmingham, UK : Packt Publishing, 2017
9	QB503 C444 2017	From dust to life : the origin and evolution of our solar system / John Chambers and Jacqueline Mitton		Princeton : Princeton University Press, [2017]
10	QB603.O74 P716	Planetesimals : early differentiation and consequences for planets / edited by Linda T. Elkins-Tanton, School of Earth and Space Exploration, Arizona State University, and Benjamin P. Weiss,		Cambridge : Cambridge University Press, 2017
11	QB633 D322 2015	Precession, nutation and wobble of the Earth / V. Dehant, Royal Observatory of Belgium, P.M. (Sonny) Mathews, formerly of the University of Madras		Cambridge : Cambridge University Press, 2015

12	QB651 B946 2017	Asteroids : astronomical and geological bodies / Thomas H. Burbine, Mount Holyoke College		Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2017
13	QC157 L864 2017	Geophysical waves and flows : theory and applications in the atmosphere, hydrosphere and geosphere / David E. Loper, professor emeritus, Florida State University		Cambridge : Cambridge University Press, 2017
14	QC20.7.F56 S613 2017	Practical finite element modeling in earth science using Matlab / Guy Simpson		Chichester, UK Hoboken, NJ : John Wiley & Sons, 2017
15	QC809.M35 M196 2017	Magnetosphere-ionosphere coupling in the solar system / Charles R. Chappell [and four others], editors		Washington, DC : American Geophysical Union Hoboken, New Jersey : John Wiley & Sons, Inc, [2017]
16	QC879.5 A648 2001	Applications of constellation observing system for meteorology, ionosphere & climate / Lou-Chuang Lee, Christian Rocken, Robert Kursinski, [editors]		Hong Kong New York : Springer, c2001
17	QC981.8.V65 W873 2014	Tambora : the eruption that changed the world / Gillen D'Arcy Wood		Princeton : Princeton University Press, [2014]
18	QE22.I35 I18 2015	Recollections of a petrologist / by Joseph Paxson Iddings edited by Davis A. Young, Department of Geology, Geography, and Environmental Studies, Calvin College, Grand Rapids, Michigan 49508, USA		Boulder, Colorado : The Geological Society of America, [2015]
19	QE28 M366 2017	Earth science : the Earth, the atmosphere, and space / Stephen Marshak, University of Illinois at Urbana-Champaign, Robert Rauber, University of Illinois at Urbana-Champaign	First edition	New York : W.W. Norton & Company, [2017]

20	QE294 T737 2014	Toward an improved understanding of uplift mechanisms and the elevation history of the Tibetan Plateau / edited by Junsheng Nie, MOE Key Laboratory of Western China's Environmental Systems, Collaborative Innovation Centre for Arid Environments and Climate Change, Lanzhou University, China, Brian K. Horton, Institute for Geophysics and Department of Geological Sciences, Jackson School of Geosciences, University of Texas at Austin, Austin, Texas, Gregory D. Hoke, Department of Earth Sciences, Syracuse University, Syracuse, New York		Boulder, Colorado : The Geological Society of America, 2014
21	QE295 A543	The Andaman-Nicobar accretionary ridge : geology, tectonics and hazards / edited by P.C. Bandopadhyay, University of Calcutta, India, and A. Carter, Birkbeck University of London, UK		London : Geological Society, 2017
22	QE295 C957 2017	Crustal evolution of India and Antarctica : The supercontinent connection / NC Plant and S Dasgupta		Bath : The Geological Society, 2017
23	QE295.2 M995 2017	Myanmar: Geology, resources and tectonics / edited by A.J. Barber, Khin Zaw and M.J. Crow		London : Geological Society of London, 2017
24	QE315 G345 2017	Geological evolution of Central Asian Basins and the Western Tien Shan Range / edited by M.-F. Brunet (Universite Pierre et Marie Curie), T. McCann (Steinmann Institute, Germany) and E.R. Sobel (Universitat Potsdam, Germany)		London : The Geological Society, 2017
25	QE319.H5 C435 2016	Geology of the Himalayan belt : deformation, metamorphism, stratigraphy / B.K. Chakrabarti, Director (retd.), Geological Survey of India		Amsterdam Boston : Elsevier, [2016]
26	QE33.2.C5 K94 2017	Drawing geological structures / Jorn H. Kruhl, Technische Universitat Munchen, Munich, Germany translated from the German by Tiana Stute		Hoboken, NJ : John Wiley & Sons, Inc., 2017
27	QE354.3 Z41 2015	Multiscale seismic tomography / Dapeng Zhao		Tokyo : Springer, [2015]

28	QE363.2 K64 2017	Earth materials : introduction to mineralogy and petrology / Cornelis Klein, University of New Mexico, Emeritus, Anthony R. Philpotts, University of Connecticut, Emeritus	Second edition	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2017
29	QE461 C517 2015	Chemical, physical and temporal evolution of magmatic systems / edited by L. Caricchi, University of Geneva, Switzerland and J.D. Blundy, University of Bristol, UK		London : Geological Society, 2015
30	QE461 O69 2015	The origin, evolution, and environmental impact of oceanic large igneous provinces / edited by Clive R. Neal, Department of Civil & Environmental Engineering & Earth Sciences, University of Notre Dame, Notre Dame, Indiana [and three others]		Boulder, Colorado : The Geological Society of America, 2015
31	QE462.B3 T255 2017	Tectonics of the Deccan Large Igneous Province / edited by S. Mukherjee, Indian Institute of Technology Bombay, India, A.A. Misra, Reliance Industries Ltd, India, G. Calves, Universiteulouse 3, France, and M. NemcOeok, EGI at University of Utah, USA, EGI Laboratory at SAV, Slovakia		London : The Geological Society, [2017]
32	QE501.4.N9 F265	Isotopes : principles and applications		Hoboken, N.J. : Wiley, 2005
33	QE501.4.N9 K96 2017	Isotope geochemistry : the origin and formation of manganese rocks and ores / Vladimir Kuleshov edited by J. Barry Maynard		Amsterdam : Elsevier, [2017]
34	QE509 D311 2016	Deep Earth : physics and chemistry of the lower mantle and core / Hidenori Terasaki, Rebecca A. Fischer, editors		Washington, D.C. : AGU, American Geophysical Union Hoboken, New Jersey : John Wiley & Sons, Inc., [2016]
35	QE509.2 T626	The Earth's inner core : revealed by observational seismology / Tkali, Hrvoje, authorHrvoje Tkali		Cambridge, United Kingdom New York, NY : Cambridge University Press, 2017

36	QE511 E13 2015	East European craton : early Precambrian history and 3D models of deep crustal structure / by Michael V. Mints, Geological Institute, Russian Academy of Sciences (RAS), Moscow, Russia, [and 18 others]		Boulder, Colorado, USA : The Geological Society of America, 2015
37	QE511.4 L351 2015	Late Jurassic margin of Laurasia : a record of faulting accommodating plate rotation / edited by Thomas H. Anderson, Department of Geology and Environmental Science, University of Pittsburgh, Pittsburgh, Pennsylvania, USA, [and four others]		Boulder, Colorado : The Geological Society of America, 2015
38	QE511.4 R311 2014	Reconstruction of a late Proterozoic to Devonian continental margin sequence, northern Alaska, its paleogeographic significance and contained base-metal sulfide deposits / edited by Julie A. Dumoulin, U.S. Geological Survey, 4210 University Drive, Anchorage, Alaska 99508, USA, Alison B. Till, U.S. Geological Survey, 4210 University Drive, Anchorage, Alaska 99508, USA		Boulder, Colorado : The Geological Society of America, 2014
39	QE515.5.T46 A545 2017	Thermodynamics of natural systems : theory and applications in geochemistry and environmental science / G.M. Anderson	Third edition	Cambridge, United Kingdom New York, NY, USA : Cambridge University Press, 2017
40	QE521 Z83 2017	Introduction to volcanic seismology / Vyacheslav M. Zobin, Observatorio Vulcanologico, Universidad de Colima, Colima, Mexico	3rd ed	Amsterdam Boston : Elsevier, c2017
41	QE522 M751 2017	Monogenetic volcanism / edited by K. Nemeth, Massey University, New Zealand, G. Carrasco-Nunez, UNAM, Mexico, J.J. Aranda-Gomez, UNAM, Mexico, and I.E.M. Smith, University of Auckland, New Zealand		London : The Geological Society, 2017
42	QE527 V911 2016	Volcanic ash : hazard observation / edited by Shona Mackie [and four others]		Amsterdam : Elsevier, [2016]

43	QE528 G342 2017	Geochemistry and geophysics of active volcanic lakes / edited by T. Ohba, Tokai University, Japan, B. Capaccioni, University of Bologna, Italy, and C. Caudron, Universitebre de Bruxelles, Belgium		London : The Geological Society, 2017
44	QE531 I24 2017	Computational seismology : a practical introduction / Heiner Igel	First edition	Oxford : Oxford University Press, 2017
45	QE534.3 S462 2017	Seismicity, fault rupture and earthquake hazards in slowly deforming regions / edited by A. Landgraf, University of Potsdam, Germany, S. Kubler, LMU Munich, Germany, E. Hintersberger, University of Vienna, Austria, and S. Stein, Northwestern University, USA		London : The Geological Society, 2017
46	QE538.5 F761 2015	Surface wave methods for near-surface site characterization / Sebastiano Foti, Carlo G. Lai, Glenn J. Rix, and Claudio Strobbia		Boca Raton : CRC Press, Taylor & Francis Group, 2015
47	QE538.5 L735 2018	Isotropic and anisotropic seismic tomography using active source and earthquake records / Yu-Pin Lin		New York, NY : Springer Berlin Heidelberg, 2018
48	QE539 I61 2016	Integrated imaging of the earth : theory and applications / Max Moorkamp, Peter G. Lelire, Niklas Linde, Amir Khan, editors		Washington, DC : AGU, American Geophysical Union Hoboken, New Jersey : John Wiley & Sons, [2016]
49	QE539.2.S43 W246 2017	Seismic inversion : theory and applications / Yanghua Wang		Chichester, West Sussex Hoboken, NJ : John Wiley & Sons, Ltd, 2017
50	QE606 F263 2017	Fault zone dynamic processes : evolution of fault properties during seismic rupture / Marion Y. Thomas, Thomas M. Mitchell, Harsha S. Bhat, editors		Washington, D.C. : American Geophysical Union , 2017

51	QE606 G354 2017	The geometry and growth of normal faults / edited by C. Childs, R.E. Holdsworth, C.A.-L. Jackson, T. Manzcchi, J.J. Walsh and G. Yielding		London : The Geological Society, 2017
52	QE606 N433 2016	Rifts and passive margins : structural architecture, thermal regimes, and petroleum systems / Michal Nemok, Energy & Geoscience Institute, University of Utah and Energy and Geoscience Institute Laboratory at the Geological Institute SAV		New York, NY : Cambridge University Press, 2016
53	QE606.5.A7 G342 2015	Geodynamics of a cordilleran orogenic system : the central Andes of Argentina and northern Chile / edited by Peter G. DeCelles, Department of Geosciences, University of Arizona, Tucson,		Boulder, Colorado : The Geological Society of America, 2015
54	QE631 M235 2017	Origins of the earth, moon, and life : an interdisciplinary approach / Akio Makishima		Amsterdam, Netherlands Cambridge MA : Elsevier [2017]
55	QE653.3 C957 2017	Crust-mantle interactions and granitoid diversification : insights from Archaean cratons / edited by J. Halla, University of Helsinki, Finland, M.J. Whitehouse, Swedish Museum of Natural History, Sweden, T. Ahmad, Jamia Millia Islamia, India, and Z. Bagai, University of Botswana, Botswana		London : The Geological Society, 2017
56	QE653.5 B453 2016	Belt Basin : window to Mesoproterozoic Earth / edited by John S. MacLean, Department of Physical Science, Southern Utah University, 351 W. University Boulevard, Cedar City, Utah 84720, USA James W. Sears, Department of Geosciences, University of Montana, 32 Campus Drive #1296, Missoula, Montana, 59812-1296, USA		Boulder, Colorado : The Geological Society of America, 2016
57	QE721.2.E97 V911 2014	Volcanism, impacts, and mass extinctions : causes and effects / edited by Gerta Keller and Andrew C. Kerr		Boulder, Colorado : Geological Society of America, 2014

58	TN269.84 D988 2014	Seismic reflections of rock properties / Jack Dvorkin, Stanford University, California Mario A. Gutierrez, Shell International Exploration and Production, Inc., Texas Dario Grana, University of Wyoming		New York : Cambridge University Press, 2014
59	TN844 R161 2016	Geological controls for gas hydrates and unconventional / Sanjeev Rajput, N K Thakur	1st edition	Waltham, MA : Elsevier Inc, 2016