

ISSN 1000-0763 CN 11-1518/N

自然辩证法通讯

JOURNAL OF DIALECTICS OF NATURE

关于科学和技术的哲学、历史学、社会学和文化研究的综合性、理论性杂志

A Comprehensive, Academic Journal of the Philosophy, History, Sociology and Cultural Studies of Science and Technology



2018

刘培 等

专题：大数据的哲学思考与立法实践

李忠伟

存在无意识的心灵状态吗？

周红冰 等

精耕还是广种：清代沂沭河流域农业集约经营思想的传播困局

杨建飞 等

基于DEA方法的地方财政科技投入效率的估计及优化对策

刘鹏飞

由技至道：数学价值观研究刍议

夏钊

从“范式”的视角看结核杆菌的发现

2018年11月 第40卷 第11期（总第243期）

中国科学院自然辩证法通讯杂志社

专题: 大数据的哲学思考与立法实践

大数据技术图景中主体隐匿与重构的哲学反思

——以教育大数据为例·····刘培 池忠军(1)

大数据在立法后评估中的应用析论·····曹瀚予(11)

大数据技术的本体分析·····李君亮 陈艳(20)

大数据环境下精准诈骗治理难题的伦理反思·····陈高华 蔡其胜(26)

科学技术哲学

存在无意识的心灵状态吗? ·····李忠伟(33)

模糊图像反例与非概念表征主义·····芦杰(42)

注意与表征主义·····刘玲(50)

认知工具论: 从工具到表现·····方红庆(57)

科学技术史

精耕还是广种: 清代沂沭河流域农业集约经营思想的传播困局·····周红冰 王思明(66)

早期机器人知识在中国的传播·····仪德刚 张昕妍(74)

马可波罗“中国白”细考·····陈玲(82)

科学技术与社会

基于DEA方法的地方财政科技投入效率的估计及优化对策·····杨建飞 席小瑾(88)

国家科技政策决策组织系统权力配置研究·····王福涛 林天萍 李少抒 杨红明(95)

人胚胎基因编辑治疗的伦理分析

——以CRISPR/Cas9技术为例·····王翠平(105)

科学技术文化研究

由技至道: 数学价值观研究刍议·····刘鹏飞(113)

技术文化与“学以成人” ·····陈凡 徐昕(121)

“理智直觉”与“科学知识”

——对牟宗三中西哲学会通的一种评论·····王玉峰(128)

人物评传

从“范式”的视角看结核杆菌的发现·····夏钊(134)

Symposium: Philosophical Reflections on and Legislative Practices Concerning Big Data

- Philosophical Reflection on the Hiding and Reconstructing of the Subject
in the View of Big Data: Taking Educational Big Data as an Example.....LIU Pei, CHI Zhongjun (1)
- An Analysis of the Application of Big Data in Post-Legislation Evaluation.....CAO Hanyu (11)
- The Ontological Analysis of Big Data Technology.....LI Junliang, CHEN Yan (20)
- Ethical Reflections on the Governance of Precise Fraud in the Era of Big Data
.....CHEN Gaohua, CAI Qisheng (26)

Philosophy of Science and Technology

- Are There Unconscious Mental States?.....LI Zhongwei (33)
- Ambiguous Figures and Nonconceptual Representationalism.....LU Jie (42)
- Attention and Representationalism.....LIU Ling (50)
- Epistemic Instrumentalism: From Instrument to Performance.....FANG Hongqing (57)

History of Science and Technology

- Intensive or Extensive Cultivation: Difficulties in Spreading Agricultural Intensive
Management: Ideas of the Yishu River Basin in the Qing Dynasty
.....ZHOU Hongbing, WANG Siming (66)
- The Introduction and Transmission of Knowledge of Robots During
the Period of the Republic of China.....YI Degang, ZHANG Xinyan (74)
- An Examination of Marco Polo's "China White"CHEN Ling (82)

Science, Technology and Society

- The Efficiency and Optimization of Local Fiscal Science and Technology Investment
.....YANG Jianfei, XI Xiaojin (88)
- A Study of the Power Allocation in the National Science and Technology Policy-making Mechanism
.....WANG Futao, LIN Tianping, LI Shaoshu, YANG Hongming (95)
- Clinical Ethics of Human Embryo Gene Editing Mediated by CRISPR/Cas9 Technology
.....WANG Cuiping (105)

Cultural Studies of Science and Technology

- From *Ji* To *Tao*: A Preliminary Discussion of Research on Values of Mathematics
.....LIU Pengfei (113)
- Technological Culture and "Learning to Be Human"
.....CHEN Fan, XU Xin (121)
- "Intellectual Intuition" and "Scientific Knowledge": A Review of Mou Zongsan'
Comprehension of Chinese Philosophy and Western Philosophy
.....WANG Yufeng (128)

Scientific Biography

- Considering the Discovery of the Tubercle Bacillus From a Paradigm Perspective
.....XIA Zhao (134)

Editor-in-Chief: HU Zhiqiang **Deputy Editor-in-Chief:** WANG Daming **Executive Editor:** LI Bin, KE Zunke
Editor: MENG Jianwei, WANG Wei, SUN Yongping, YUAN Yuli, HONG Wei, XU Zhu, HAO Yuan, ZHAO Chao
English Editor: WAN Zhaoyuan **Proofreader:** HAO Xiuchen, WANG Huimin

专题：大数据的哲学思考与立法实践

大数据技术图景中主体隐匿与重构的哲学反思

——以教育大数据为例·····刘培 池忠军(1)

大数据在立法后评估中的应用析论·····曹瀚予(11)

大数据技术的本体分析·····李君亮 陈艳(20)

大数据环境下精准诈骗治理难题的伦理反思·····陈高华 蔡其胜(26)

科学技术哲学

存在无意识的心灵状态吗? ·····李忠伟(33)

模糊图像反例与非概念表征主义·····芦杰(42)

注意与表征主义·····刘玲(50)

认知工具论：从工具到表现·····方红庆(57)

科学技术史

精耕还是广种：清代沂沭河流域农业集约经营思想的传播困局·····周红冰 王思明(66)

早期机器人知识在中国的传播·····仪德刚 张昕妍(74)

马可波罗“中国白”细考·····陈玲(82)

科学技术与社会

基于DEA方法的地方财政科技投入效率的估计及优化对策·····杨建飞 席小瑾(88)

国家科技政策决策组织系统权力配置研究·····王福涛 林天萍 李少抒 杨红明(95)

人胚胎基因编辑治疗的伦理分析

——以CRISPR/Cas9技术为例·····王翠平(105)

科学技术文化研究

由技至道：数学价值观研究刍议·····刘鹏飞(113)

技术文化与“学以成人”·····陈凡 徐昕(121)

“理智直觉”与“科学知识”

——对牟宗三中西哲学会通的一种评论·····王玉峰(128)

人物评传

从“范式”的视角看结核杆菌的发现·····夏钊(134)

Symposium: Philosophical Reflections on and Legislative Practices Concerning Big Data

- Philosophical Reflection on the Hiding and Reconstructing of the Subject
in the View of Big Data: Taking Educational Big Data as an Example.....LIU Pei, CHI Zhongjun (1)
- An Analysis of the Application of Big Data in Post-Legislation Evaluation.....CAO Hanyu (11)
- The Ontological Analysis of Big Data Technology.....LI Junliang, CHEN Yan (20)
- Ethical Reflections on the Governance of Precise Fraud in the Era of Big Data
.....CHEN Gaohua, CAI Qisheng (26)

Philosophy of Science and Technology

- Are There Unconscious Mental States?.....LI Zhongwei (33)
- Ambiguous Figures and Nonconceptual Representationalism.....LU Jie (42)
- Attention and Representationalism.....LIU Ling (50)
- Epistemic Instrumentalism: From Instrument to Performance.....FANG Hongqing (57)

History of Science and Technology

- Intensive or Extensive Cultivation: Difficulties in Spreading Agricultural Intensive
Management: Ideas of the Yishu River Basin in the Qing Dynasty
.....ZHOU Hongbing, WANG Siming (66)
- The Introduction and Transmission of Knowledge of Robots During
the Period of the Republic of China.....YI Degang, ZHANG Xinyan (74)
- An Examination of Marco Polo's "China White"CHEN Ling (82)

Science, Technology and Society

- The Efficiency and Optimization of Local Fiscal Science and Technology Investment
.....YANG Jianfei, XI Xiaojin (88)
- A Study of the Power Allocation in the National Science and Technology Policy-making Mechanism
.....WANG Futao, LIN Tianping, LI Shaoshu, YANG Hongming (95)
- Clinical Ethics of Human Embryo Gene Editing Mediated by CRISPR/Cas9 Technology
.....WANG Cuiping (105)

Cultural Studies of Science and Technology

- From *Ji* To *Tao*: A Preliminary Discussion of Research on Values of Mathematics
.....LIU Pengfei (113)
- Technological Culture and "Learning to Be Human"
.....CHEN Fan, XU Xin (121)
- "Intellectual Intuition" and "Scientific Knowledge": A Review of Mou Zongsan'
Comprehension of Chinese Philosophy and Western Philosophy
.....WANG Yufeng (128)

Scientific Biography

- Considering the Discovery of the Tubercle Bacillus From a Paradigm Perspective
.....XIA Zhao (134)

Editor-in-Chief: HU Zhiqiang **Deputy Editor-in-Chief:** WANG Daming **Executive Editor:** LI Bin, KE Zunke
Editor: MENG Jianwei, WANG Wei, SUN Yongping, YUAN Yuli, HONG Wei, XU Zhu, HAO Yuan, ZHAO Chao
English Editor: WAN Zhaoyuan **Proofreader:** HAO Xiuchen, WANG Huimin