中国联合国教科文组织指导刊物

CSSCI来源期刊

全国中文核心期刊

RCCSE 中国核心学术期刊(A)

AMI综合评价A刊

刊名题字: 苏步青



# SHUKUE ILAOYU KUEBAO

## **JOURNAL OF MATHEMATICS EDUCATION**

天津师范大学



2019.2

第28卷 第2期

Vol. 28 No. 2

ISSN 1004-9894 CN 12-1194/G4

### 数学教育学报

SHUXUE JIAOYU XUEBAO
JOURNAL OF MATHEMATICS EDUCATION

2019年4月 第28卷第2期 Vol.28 No.2 (总第125期)

#### 目 次

"	问题提出"专栏			
	小学数学教师"问题提出"表现研究李欣莲,宋乃庆,陈 婷,等(1			
	数学教师学习使用"问题提出"教学法的个案研究——以"用字母表示稍复杂的数量关系"为例			
	教师"问题提出"教学知识建构			
	美国数学课程中的"问题提出"——期望与挑战			
数:	学学科核心素养			
	数学学科核心素养的结构及其教学意义宁 锐,李昌勇,罗宗绪(24			
/J\!	学数学教育			
	自适应的数感训练对低年级儿童数学能力的影响			
	农村小学数学教师专业发展状况与学习需求分析——基于《小学教师专业标准》的一次调查			
	算术运算规则单双内容样例学习效果的比较			
中:	学数学教育			
	高中数学教材"组合问题"的编排			
	数学优秀生教育教学的实践探索······朱胜强(52			
比	较数学教育			
	"中澳法芬"中学数学课堂教师提问的实证研究			
	东亚地区学生数学成绩与数学作业的关系			
数学教育概论				
	问题表征对数学阅读能力的影响研究杨红萍,肖志娟(70			
	数学活动经验的含义新探························赵思林(75			
	义务教育阶段学生数学符号意识分析层次的构建朱立明(81			
文i	献统计与分析			
	"调查与实验"栏:触摸数学教育改革脉动的窗口——基于《数学教育学报》"调查与实验"专栏的统计分析			
	张定强,王 形(87			
	中国数学教育博士学位论文的统计与分析 李 卓,于 波,张 勇(92			
会	议综述			
	新时代华人数学教育研究的特点与展望——"第三届华人数学教育大会"综述 邹佳晨,姜浩哲,沈中宇(99			

期刊基本参数: CN 12-1194/G4\*1992\*B\*A4\*102\*zh\*P\*¥10.00\*5000\*18\*2019-02

#### **JOURNAL OF MATHEMATICS EDUCATION**

Vol.28 No.2 Apr. 2019

### **CONTENTS**

Exploring Chinese Elementary School Mathematics Teachers' Own Problem Posing and Their Predictions of Students	nts' Problem Posing ··
LI Xin-lian, SONG Nai-qing, C	CHEN Ting, et al (1)
An Elementary Mathematics Teacher's Struggles to Learn to Teach Using Problem Posing: A Case of Using Le	tters to Represent More
Complex Quantitative Relationships	(7) XU Ran-ran, et al
Conceptualizing Mathematics Teachers' Knowledge for Teaching Using Problem Posing	
ZHANG Hui-rong, RAN Yan-tao	o, LIU Die, et al(13)
"Problem Posing" in Mathematics Curricula in USA——Expectations and Challenges	-lai, CAI Jin-fa(18)
The Structure of Mathematical Core Competencies and Its Teaching Significance	
NING Rui, LI Chang-yong,	LUO Zong-xu(24)
Effects of Adaptive Number Sense Intervention on Mathematical Ability in Second-Grade Children	
ЛА Yan-pu, ZHAN	G Li, XU Zhan(30)
Learning Situation and Needing of Rural School Teachers——A Survey Based on the Primary Teachers Professiona	al Standards ·····
FANG Qin-hua, LV Song-tao, YANG Z	Zhen-zhen, et al (35)
Comparison of Learning Effect between Single-Content Examples and Double-Content Examples on Arithmetic Op	peration Rules
QU Ke-j	ia, ZHANG Qi(41)
Arrangement of Combination Problems in the High School Mathematics Textbook····· TANG Jia-li,	XU Zhang-tao (46)
Practical Exploration on Education and Teaching of the Students Excellent in Mathematics · · · · ZH	U Sheng-qiang (52)
An Empirical Study of Teacher Questioning: A Focus on Middle School Mathematics Classrooms in China, Australia	ia, France and Finland
YU Guo-wen,	, CAO Yi-ming (56)
The Relation between Homework and Mathematics Achievement in Eastern Asia · · · · · Z	HU Fang-chun(64)
The Influence of Problem Representation on Mathematics Reading · · · · YANG Hong-ping, 2	XIAO Zhi-juan (70)
New Exploring On Implications of Mathematics Activity Experience	·· ZHAO Si-lin(75)
Construction of Students' Analysis Level of Consciousness of Mathematical Symbols in Compulsory Education	
	· ZHU Li-ming(81)
The Investigation and Experiment Column: The Pulsatory Window of the Reform of Mathematics Education-	
Analysis of the "Column of Investigation and Experiment" of <i>Journal of Mathematics Education</i> from 2002 to 2014	
ZHANG Ding-qiang	g, WANG Tong(87)
The Statistics and Analysis on Doctoral Dissertation of Mathematics Education in ChinaLI Zhuo, YU Bo,	
Characteristics and Trends in Research on Chinese Mathematics Education in a New Era——A Review of the 3r	rd Chinese Congress or
Mathematics Education ····· ZOU Jia-chen, JIANG Hao-zhe, SF	HEN Zhong-yu (99)
	÷ •