ISSN 1004-9894 CN 12-1194/G4

中国联合国教科文组织指导刊物 全国中文核心期刊 中国科技核心期刊 RCCSE中国核心学术期刊(A)

刊名题字: 苏步青

数学教育学报

SHUKUE ILAOYU KUEBAO

JOURNAL OF MATHEMATICS EDUCATION

天津师范大学会



万方数据



第20卷 第3期

Vol. 20 No. 3

数学教育学报

SHUXUE JIAOYU XUEBAO JOURNAL OF MATHEMATICS EDUCATION

2011年6月 第20卷第3期 Vol.20 No.3 (总第78期)

目 次

数学教育概论	
数学测验中的不变分数及其在实践中的应用	杜文久(1)
论数学课堂预设提问的策略	温建红(4)
感受的心理过程对数学教学的启示	赵思林 (7)
争鸣与评论	
数学课程改革向何处去——关于基础教育数学课程与教学改革的调查报告	
关于数学创新性教育的另一种思考	
数学文化教育中教师的缄默知识探讨	
三思苏教版高中数学新教材	吴宝莹(22)
调查与实验	
数学教育硕士专业学位论文写作情况的调查分析	
不同认知水平的解答编码对数学公式学习的影响研究	b , 莫 雷(30)
开放性数学应用问题解决的差异性研究	
小学四年级学生对平均数概念理解的发展过程	吴 骏(39)
初一学生测量估计能力的教学干预刘伟方,孟丽丽,边	
非数学专业大学生数学焦虑成因分析及对策研究	
独立学院学生在高等数学学习中"行为参与"的调查研究	
河南省农村小学数学青年教师教育科研现状调查分析	
八年级学生数学认知水平的性别差异	
小学四~六年级儿童估算策略选择的干预研究	
提高数学教学的有效性——基于教研组的课堂观察行动研究黄映玛	
高中数学教师的学科知识与学科教学知识研究以导数知识为例例	徐芳芳(71)
比较数学教育	
发掘数学教材的评价功能——对美国加州小学数学教材的分析与启示霍雨住	E,黄翔(76)
关于美国微积分改革的思考刘玉波,汤大村	k, 马仲立 (80)
中英高中数学教材复数内容比较研究——以英国 AQA 数学课本和人教版 A 版数学课本为例	王奋平(83)
加拿大高中数学课程标准和教学评价的启示	·····曾宪林(87)
数学高效与低效教师课堂提问教学行为的案例比较黄会来	そ,王 迎(90)
数学教育改革	
大学数学本科人才培养教学特区的实践与探索	
超级画板:获取数学基本活动经验的优秀认知平台	徐章韬(97)
会议纪要	
"第四届数学史与数学教育国际研讨会暨第八届全国数学史学会学术年会"会议纪要	蒲淑萍(100)

ダ 补白 対 消息 (-62-)

期刊基本参数: CN 12-1194/G4*1992*B*A4*102*zh*P*¥10.00*5000*27*2011-03

JOURNAL OF MATHEMATICS EDUCATION

Vol.20 No.3 Jun. 2011

CONTENTS

	Invariant Score in the Mathematics Testing and Its' Application to Practice	DU Wen-jiu (1)
	Strategies of Presupposition Questioning in the Mathematics Classroom-	
	Mathematics Teaching Basing on Perception Mental Process	ZHAO Si-lin (7)
	Whither Mathematics Curriculum Reform——A Survey of Mathematics Teaching and Curriculum Reform	of Basic Education
		·········HUANG Qin-an(12)
	New Approach of Innovative Education of Mathematics	•
	Tacit Knowledge of Mathematics Teachers in the Mathematical Culture Education	LI Hong-mei (19)
	Review on Senior Mathematics New Edition (Jiang Su Education Press)	WU Bao-ying (22)
	Mathematics Education for the Master Degree Thesis Writing Analysis of the Investigation	-ZHANG Ding-qiang (25)
	Research on the Influence of the Different Solving Coding of the Cognitive Levels to the Mathematic Formu	-
		E Yuan-yang, MO Lei (30)
	Study on Difference in the Open-ended Mathematical Word Problem-solving	•
	Growth on Fourth-grade Students' Mathematical Understanding of Average	
	Educational Intervention on the First-graders' Ability of Measurement Estimation in Junior Middle School	
	LIU Wei-fang, MENG Li	
	Analysis on the Reasons of Math Anxiety of Graduate Students in the Majors Except Math	
	PENG Nai-xia, LIAO St	nuang, CHEN Ya-ping (47)
	Research on Behavioral Participation in Independent College Students' Higher Mathematics Learning-	
Ou	ıjiang College of Wenzhou University	WANG Xing-guo (51)
	Survey and Analysis of Status in Scientific Research of Math Teachers in Primary Schools in Henan Province	
	YAN De-min	
	Gender Differences in Mathematics Cognition Levels of Grade Eight Students	
	Intervention Research on Estimation Strategy Choices with 4-6 Graders	
	Improve the Effectiveness of Mathematics Teaching——Based on the Action Study of Classroom Observati	· •
	HUAN Ying	•
	Research into Senior Middle School Math Teachers' Subject Matter Knowledge and Pedagogical Content Ki	•
Ex	ample	
	Exploration of the Assessment Function in Mathematics Textbook of Elementary School—Take	-
Ma	athematics Textbooks for Example HUO	•
	Thoughts on Reform of the American Infinitesimal CalculusLIU Yu-bo, TANC	•
	Comparative Study of Plural in High School Mathematics Textbook between China and Britain-	
Ma	athematics Textbook Edited by Britain AQA Examination Committee and in the Beijing Normal University Pro-	
	Some Enlightenment from Curriculum Standards and Teaching Evaluation of Mathematics Education in Car	
		• • •
	Comparative Case Study of the Teacher's Question Asking in Class of Efficient and Inefficient HUANG	_
	Practice and Exploration on Special Teaching Region of Undergraduate Education Towards Mathematics-ma	·
		=
	Super Sketchpad: An Excellent Cognitive Platform for Acquiring Mathematical Fundamental Activity Exper	
	Summary	