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 中国科技核心期刊 刊名题字:苏步青

ISSN 1004-9894 CN 12-1194/G4

学教育学报

SHUNUE JIAOYU NUEBAO

JOURNAL OF MATHEMATICS EDUCATION

IOURNAL OF MATHEMATICS EDUCATION







第29卷 第5期 Vol.29 No.5

うざ

数 学 教 育 学 报

SHUXUE JIAOYU XUEBAO JOURNAL OF MATHEMATICS EDUCATION 2020年10月 第29卷第5期 Vol.29 No.5 (总第134期)

目 次

中学数学教育

	基于 OECD "学习框架 2030"的初中数学课程内容分析及其启示董连春,魏 航,孙林	杉博, 쇸	孚(1)			
	初中数学教科书中历史名题分布特征及启示唐海军,	高昌	音(8)			
	主观规范对数学学习行为的影响:数学兴趣的中介作用 原 露,元 英,杜宵	丰,等	(14)			
	初中生数学学习性别差异分析——以上海市A区为例胡军,	詹 艺	(20)			
	基于 UbD 理论的单元教学设计——以平面解析几何为例 葛丽婷, 施梦媛,	于国文	(25)			
小学数学教育						
	小学数学中"除法""分数"与"比"的辨析与思考朱立明,	马云鹏	(32)			
	中国当代小学数学课程目标发展演变的特征分析杨 健,李 磊,	傅海伦	(36)			
	小学生数学符号意识分析框架的构建	陶红强	(41)			
	小学数学教师图形与几何知识状况调查——以上海市浦东新区为例	尹瑶芳	(46)			
数	学教师教育					
	论设计研究:"内涵""类型""过程"与"应用"李 卓,	鲍建生	(52)			
	职业生涯视角下初中数学教师 PCK 发展趋势及特征	饶从满	(58)			
	元指导:基于素养与单元的学习指导范式	李昌官	(64)			

比较数学教育

日本高中数学学习指导要领修订的内容及特点许	晶, 3	李淑文	え(75)
国外自闭症谱系障碍儿童数学技能干预进展姜子云,陈	妮, オ	柳 信	銆(79)
云南中考和 PISA 关于图形与几何试题的比较研究——以云南省两所中学为例 连王伟,杨泽恒,	王彭征	德. 쇸	牟(85)

教育技术与数学教育

增强现实技术(AR)在教学教育中的应用现状状评与展望	干罗那	(91)
TAMAXXX (IN) LWI WHI WENNING HINNEY JRE	12/11	$(\mathbf{J}\mathbf{I})$

会议述评

期刊基本参数: CN 12-1194/G4*1992*B*A4*102*zh*P*¥10.00*5000*18*2020-05

JOURNAL OF MATHEMATICS EDUCATION

Vol.29 No.5 Oct. 2020

CONTENTS

	An Analysis and Evaluation of Junior High School Mathematics Curricular Contents Using OECD Learning Framework 2030
	DONG Lian-chun, WEI Hang, SUN Bin-bo, et al (1)
	The Distribution Characteristics and Inspiration of Famous Problems in Chinese Junior Middle School Mathematics Textbooks
	The Influence of Subjective Norms on Mathematical Learning Behavior: The Mediating Effect of Mathematical Interest
	Gender Differences in Students' Mathematics Learning in Junior High School: District A of Shanghai as an Example
	Instructional Unit Design Based on UbD Theory: Using Analytic Geometry as an Example
	A Comparison and Contrast of Division, Fraction, and Ratio in Elementary School Mathematics
	An Analysis of the Development and Evolution of the Instructional Objectives in Elementary Contemporary Chinese Mathematics
Cu	rriculum ···································
	The Development of a Framework of Students' Mathematical Symbolic Sense in Elementary School TAO Hong-qiang (41)
	Investigating Mathematics Teachers' Knowledge of Figures and Geometry in Elementary School
	On Design-Based Research: Its Conception, Categorization, Process, and Applications LI Zhuo, BAO Jian-sheng (52)
	The Development Trend and Characteristics of Mathematics Teachers' PCK in Junior High School and Its Relationship to the Number of
Yea	ars of Teaching ······LIU Gui-hong, RAO Cong-man (58)
	Metacognitive Instruction: A Learning Instruction Model Based on Literacies and Learning UnitsLI Chang-guan (64)
	Using E-Prime to Evaluate Teachers' Proficiency of Mental Arithmetics in Elementary School
	······································
	A Content Analysis of the Revised Version of the High School Mathematics Teaching Guide in Japan
	The Advances of Research on Mathematical Skills Interventions for Children with Autism Spectrum Disorders Overseas
	JIANG Zi-yun, CHEN Yi-ni, LIU Di (79)
	A Comparative Study of Yunnan Students' Performance on Items Related to Figures and Geometry in PISA and the Yunnan Middle School
Ent	rance Examination LIAN Wang-wei, YANG Ze-heng, WANG Peng-de, et al (85)
	The Integration of Augmented Reality (AR) in Mathematics Education: Looking Back and Looking Forward
	······ WANG Luo-na (91)
	Using Big Ideas to Guide Mathematical Teaching——A Summary of the 13 th Mathematics Teachers Conference in Singapore
	LU Jun, BAO Jian-sheng (98)