

ICMT3

Monday 16 September 2019

Oral Communications (14:00-16:00)

| time | [id] title | presenter |
|-------|---|---|
| 14:00 | [52] THE GENDER TROUBLE IN MATHEMATICS TEXTBOOKS: A COMPARATIVE ANALYSIS BETWEEN BRAZIL AND THE USA | Prof. NETO, Vanessa |
| 14:00 | [8] HOW JAPANESE TEACHERS USE MATHEMATICS TEXTBOOKS FOR "KYOZAI-KENKYU": CHARACTERIZING THEIR DIFFERENT USES BY PARADIDACTIC PRAXEOLOGIES | Prof. MIZOGUCHI, Tatsuya Prof. SHINNO, Yusuke |
| 14:00 | [10] Why the textbook matters - a two-domain impact analysis | Mr SIEVERT, Henning |
| 14:30 | [11] A COMPARISON OF PAGE SAMPLING METHODS FOR MATHEMATICS TEXTBOOK CONTENT ANALYSIS | Dr JONES, Dustin |
| 14:30 | [18] THE NARRATIVE OF SETS OF Learning RESOURCES AS DESCRIBED BY TEACHERS | OLSHER, Shai |
| 14:30 | [72] How are mathematicians represented in Chinese mathematics textbooks? | Ms LI, Na |
| 15:00 | [12] TEXTBOOK RESEARCH VIA THE ANTHROPOLOGICAL THEORY OF DIDACTICS (ATD): THE CASE OF REPRESENTATION OF FUNCTIONS | Dr TEFAMICHEL, Solomon A. |
| 15:00 | [20] The learning of double integral concept using a textbook | SILVA, Karina ALMEIDA, LOURDES MARIA WERLE DE |
| 15:00 | [83] On the Introduction of Vectors in German Textbooks for upper Secondary School | Mr MAI, Tobias |
| 15:30 | [23] Meaning making schoolbook materials for promoting subtraction with regrouping skills | GÖTZE, Daniela |
| 15:30 | [40] MATERIALS FOR INCLUSIVE MATHEMATICS EDUCATION – DESIGN PRINCIPLES AND PRACTICES | HÄSEL-WEIDE, Uta NÜHRENBÖRGER, Marcus |
| 15:30 | [17] Transitioning from Print to Digital Curriculum Materials: Promoting Mathematical Engagement and Learning | EDSON, Alden PHILLIPS, Elizabeth BIEDA, Kristen |

Tuesday 17 September 2019

Oral Communications (10:30-12:30)

| time | [id] title | presenter |
|-------|--|-------------------------------|
| 10:30 | [9] Representation of vectors in German mathematics and physics textbooks | Mr DILLING, Frederik |
| 10:30 | [26] Comparing mathematics textbooks – an instrument for quantitative analysis | POSTUPA, Jennifer |
| 10:30 | [28] A LESSON STUDY INTERVENTION TO DEVELOP PRIMARY SCHOOL STUDENTS' ABILITY TO PERFORM MENTAL FOLDING OPERATIONS' | Prof. WATANABE, satoshi |
| 11:00 | [44] Research on Difficulty of Mathematics Curriculum and Textbook in China:A review of literature | Mr LI, Zhuo |
| 11:00 | [62] INADEQUATE LEARNING SEQUENCE AND ERRONEOUS FACT-LIKE STATEMENT IN A MATHEMATICS TEXTBOOK: WHAT CAN STUDENTS TAKE FROM THEM? | Prof. SLISKO, Josip |
| 11:00 | [15] Ratio, rate and proportional relationships in Japanese curriculum materials | WATANABE, Tad |
| 11:30 | [49] THE CONVERSION ACTIVITIES BETWEEN REPRESENTATION REGISTERS AS AN INSTRUMENT FOR THE ANALYSIS OF MATHEMATICS TEXTBOOKS | Mrs MORENO, Oihana |
| 11:30 | [43] PRESERVICE TEACHERS' LEARNING TO USE EXISTING RESOURCES | KIM, Ok-Kyeong |
| 12:00 | [19] Theory of geometrical thinking in elementary textbook: case study of Japan | HAYATA, Toru |
| 12:00 | [53] Same Textbook, Different Points of View: Students and Teachers as Textbook Users | Dr GLASNOVIC GRACIN, Dubravka |

Oral Communications (14:00-16:00)

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|-------|---|---------------------------------|
| 14:00 | [78] ANALYZING DYNAMIC TEXTBOOKS' USER DATA: METHODOLOGICAL CONSIDERATIONS | Prof. MESA, Vilma |
| 14:00 | [34] THE FUNCTIONS OF A HIERARCHICAL CLASSIFICATION OF QUADRILATERALS IN JAPANESE TEXTBOOK: ITS PRESENTATION AND LIMITATION | Mr MURATA, Shogo |
| 14:00 | [47] EXAMINING PROPORTIONAL REASONING IN MIDDLE SCHOOL MATHEMATICS TEXTBOOKS | Mr MEMİŞ, Yasin |
| 14:30 | [81] TEXTBOOK CONTENT IN USE: MANUAL AND MACHINE CODING | Dr LIAKOS, Yannis ZHANG, Han |
| 14:30 | [21] Resources for teaching graph theory for engineers - issue of connectivity | Ms TABCHI, Theresia |
| 14:30 | [100] Equivalence of fractions in 6th grade Brazilian textbooks | Ms CAVEDON RIPOLL, Cydara |
| 15:00 | [39] MATHEMATICAL POWER IN THE MATHEMATICS IN CONTEXT CURRICULUM | Mr WITT, Nicholas |
| 15:00 | [85] Research Actuality and Trend on the Representations of Textbooks | Mrs SHEN, Yang |
| 15:30 | [94] An Analysis of Teaching methods of Division of Fractions in South Korea Elementary Mathematics textbooks | Ms CHO, Hyoungmi |

15:30

[50] 50 YEARS OF REALISTIC MATHEMATICS EDUCATION IDEAS AND THEIR IMPLEMENTATION IN TEXTBOOKS – LEARNING FACILITATORS FOR ADDITION AND SUBTRACTION

VAN ZANTEN, Marc

Thursday 19 September 2019

Oral Communications (10:30-12:30)

| time | [id] title | presenter |
|-------|---|-----------------------------------|
| 10:30 | [4] GENDER DIFFERENCES IN MIDDLE SCHOOL MATHEMATICS LEARNING NEEDS: PROMOTING GENDER EQUITY THROUGH TEXTBOOK DESIGN | Dr ZHU, Yan Ms NI, Lyu |
| 10:30 | [84] ANALYSIS OF TEXTBOOKS IN DISTINCT COUNTRIES: RESOLUTION OF EQUATIONS AND INEQUALITIES | Prof. DOERING, Luisa Rodríguez |
| 10:30 | [55] HistoS - Teachers connotations about historical snippets in textbooks | Dr SCHORCHT, Sebastian |
| 11:00 | [14] Mathematical and linguistic features of word problems in grade 4 and 5 German textbooks - A comparative corpuslinguistic approach | DRÖSE, Jennifer |
| 11:00 | [16] REPORT ON THE DESIGN AND REALISATIONS OF THE WORKSHOP 'WRITING MATHS TEXTBOOKS' | Prof. JAHNKE, Thomas |
| 11:00 | [76] UNDERSTANDING MATHEMATICS TEACHERS' PEDAGOGICAL DESIGN CAPACITY IN A CONTEXT OF HIGH PRESCRIPTION | Dr LESHOTA, Moneoang |
| 11:30 | [106] THE VALUE OF TECHNOLOGY IN CHILEAN SCHOOL MATHEMATICS TEXTBOOKS: A WAY OF CONDUCTING CONDUCTS | Dr MONTECINO, Alex |
| 11:30 | [64] DEVELOPING THE CHILD'S OWN MASTERY OF MANY | Mr TARP, Allan |
| 12:00 | [105] ON THE MARKETING AND DISTRIBUTION OF SCHOOL MATHEMATICS TEXTBOOKS IN A NEOLIBERAL CONTEXT | Dr ANDRADE-MOLINA, Melissa |
| 12:00 | [89] A Comparative Analysis on Trigonometry Textbooks from three countries | Ms HE, Xiaoyan |
| 12:00 | [87] COMPETENCIES AND TEXTBOOK DEVELOPMENT: A THREE-DIMENSIONAL CONTENT MODEL ENACTED IN THE DANISH TEXTBOOK SERIES MATEMATRIK FOR GRADES K-9 | HØJGAARD, Tomas |