Panel Discussion
Title: “International Cooperation towards the Endogenous Development of Mathematics Education”

“Endogenous Development” is used in the context in seeking a new development model for the developing countries instead of modernization model for Western society, such as the Alternative Development and Endogenous Development especially by United Nations groups since mid-1970s.

Objectives of Panel Discussion
• “Actually I am interpreting this symposium as not the summing-up occasion of three years but rather, opening-up occasion for future research, especially focusing on social and cultural context of mathematics education in each country.”
• I earnestly hope your stimulative comments. For this purpose, I appreciate your comments and suggestions.

Research framework

Children’s Characteristics
Teaching learning Process
Children

Children Understanding Level
Context
(Language, Examination, Social perception, Views on future career, School head’s initiative, Textbook, Teachers’ views)

UNESCO (2005) was Modified

Introduction of Panelists
Chairperson: BABA Takuya (Hiroshima Univ.)
Panelists:
ISODA, Masami (Tsukuba Univ., Japan) Perspective of Comparative education
MARUYAMA, Hideki (National Institute for Educational Policy Research) Perspective of Endogeneousness
NHKATA, Bentry (Univ. of Zambia, Zambia) Perspective of African Context
SEAH, Wee Tiong (Monash Univ., Australia) Perspective of Research Across Cultural Contexts

After discussion

• At first each panelist is requested to make comment on two years research and country reports for 5 mins.
• Participants are invited to ask questions or make comment.
• Some panelists answer the question or discuss some points.
• At the end, each panelist make a brief concluding comment.
1. Expansion of Research

- Children's Characteristics
- Teaching Learning Process
- Children Understanding Level

Context (Language, Examination, Social perception, Views on future career, School head's initiative, Textbook, Teachers' views)

2. Reciprocal relation between research and developmental work

- Research
- Development work

Present status is not yet known clearly.

Something will be tried out for confirmation of effects.