

Workshop “VOA and related topics”

2017/3/15 – 2017/3/16

大阪大学 大学院情報科学研究科 C 棟 201 講義室

Program

3 月 15 日

10:00–10:50

Yuichi Sakai (境 優一)

Modular forms and modular linear differential equations: some applications to vertex operator algebras

11:05–11:55

Tomoaki Nakaya (中屋 智瑛)

The number of linear factors of supersingular polynomials

14:00–14:50

Yoshiyuki Koga (古閑 義之)

BGG type resolutions for the affine Lie superalgebra $\widehat{sl}(2, 1)$

15:05–15:55

Kenichiro Tanabe (田辺 顕一郎)

Simple weak modules for some subalgebras of the Heisenberg vertex algebra and Whittaker vectors

16:10–17:00

Drazen Adamovic

Conformal embeddings and the representation theory of affine vertex operator algebras

3 月 16 日

10:00–10:50

Hiroyuki Yamane (山根 宏之)

Generalized quantum groups and their Representation theory

11:05–11:55

Kenichi Shimizu (清水 健一)

Recent results on non-semisimple modular tensor categories

13:30–14:20

Naoki Genra (元良 直輝)

Wakimoto representations for $\mathcal{W}$ -algebras

14:35–15:25

Tomonori Hashikawa (端川 朝典)

On conformal designs of minimal conformal weight spaces of SVOAs

15:40–16:30

Yuto Moriwaki (森脇 湧登)

On Holomorphic Vertex Algebras of Central Charge 26