

On the coset construction of the $\mathbb{Z}/3$ orbifold VOA

$$V_{\sqrt{2}A_2}^\tau.$$

Hsian-Yang Chen

December 18 - 22, 2011

Institute of Mathematics, Academia Sinica, Taipei, Taiwan.

E-mail: hychen@math.sinica.edu.tw

Abstract

We give a coset construction of the $\mathbb{Z}/3$ orbifold vertex operator algebra $V_{\sqrt{2}A_2}^\tau$, where τ is a fixed point free automorphism of order 3.