

# The Mathematical Foundations of Conformal Field Theory and Related Topics

A conference in honor of Yi-Zhi Huang



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Theorem 2.1 Let  $V$  be a vertex operator algebra satisfying the following

下學而上達

$n < 0, V_{(0)} = \mathbb{C}1$  and  $V'$  is isomorphic to a finite sum of irreducible weak  $V$ -modules. If  $V'$  is complete and separable, that is,  $\dim V/C_2(V) < \infty$ .

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$$\sum_{i=1}^{N_{a_1 a_2}^{a_3}} \sum_{k=1}^{N_{a_1 a_3}^{a_2}} F(\mathcal{Y}_{a_2 e; 1}^{a_2} \otimes \mathcal{Y}_{a_3 a_3; 1}^e; \mathcal{Y}_{a_1 a_3; k}^{a_2} \otimes \mathcal{Y}_{a_2 a_3; i}^{a_1}).$$

