Genus Two Prime Form Formula For Vertex Operator Characters

ALEXANDER ZUEVSKY

Institute of Mathematics Czech Academy of Science, Zitna 25 Praha 11000, Czech Republic

zuevsky@math.cas.cz

Abstract. We find an expression for the self-sewn genus two Riemann surface counterpart of the torus formula for an \$n\$-vertex operator character for the Heisenberg vertex operator algebra an \$n\$-point correlation function for a vertex operator algebra module with complex parameterization of corresponding states.