

Quasi-particle fermionic formulas for $(k,3)$ -admissible configurations

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We construct new monomial quasi-particle bases of Feigin-Stoyanovsky's type subspaces for affine Lie algebra $\mathfrak{sl}(3, \mathbb{C})^{\widetilde{}}$ from which the known fermionic-type formulas for $(k,3)$ -admissible configurations follow naturally. In the proof we use vertex operator algebra relations for standard modules and coefficients of intertwining operators.

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