SOME RATIONAL VERTEX ALGEBRAS

by

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Abstract. Let $L((n-3/2)\Lambda_0)$, $n \in \mathbf{N}$, be a vertex operator algebra associated to the irreducible highest weight module $L((n-3/2)\Lambda_0)$ for a symplectic affine Lie algebra. We find a complete set of irreducible modules for $L((n-3/2)\Lambda_0)$ and show that every module from $L((n-3/2)\Lambda_0)$ from the category $\mathcal{O}$ is completely reducible.

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