Combinatorial bases of principal subspaces of modules for twisted affine Lie algebras of type $A^{(2)}_{2l-1}$, $D^{(2)}_l$, $E^{(2)}_6$, and $D^{(3)}_4$.

In this talk, we discuss principal subspaces of standard modules with highest weight $k\Lambda_0$ for the affine Lie algebras of type $A^{(2)}_{2l-1}$, $D^{(2)}_l$, $E^{(2)}_6$, and $D^{(3)}_4$. Using the theory of vertex operator algebras, we construct combinatorial bases for these principal subspaces, and use these bases to obtain the characters of these principal subspaces. (Received July 30, 2018)