

1009-81-223

Pierre Mathieu*, pmathieu@phy.ulaval.ca, Canada. *Bases of states in conformal field theories.*

Some examples of bases of states, akin to the Lepowski-Primc one that pertains to parafermionic models, are presented for the following conformal field theories: the graded parafermions, the superconformal models $SM(2,4k)$ and the $M(3,p)$ Virasoro minimal models. These all lead to fermionic-type formulae for the characters. (Received August 17, 2005)