Induced modules for Affine Kac-Moody algebras. Preliminary report.

The category of weight modules with nonzero central charge over Affine Lie algebras will be discussed. Though a classification of irreducible modules with finite-dimensional weight spaces in this category is known, the general classification problem remains open. A progress is made in this direction by studying the subcategory of induced modules. Their structure is described using certain category equivalence. (Received September 05, 2008)