1117-17-255 Diego A. Penta* (penta@math.binghamton.edu), Department of Mathematical Sciences, Binghamton University, 4400 Vestal Parkway East, Binghamton, NY 13850, and Alex J.
Feingold (alex@math.binghamton.edu), Department of Mathematical Sciences, Binghamton University, 4400 Vestal Parkway East, Binghamton, NY 13850. Rank 2 'Fibonacci' modules inside the rank 3 Feingold-Frenkel algebra F.

Motivated by the 1983 work of Feingold and Frenkel, we investigate the decomposition of the rank 3 hyperbolic Kac-

Moody Lie algebra \mathcal{F} with respect to its rank 2 hyperbolic subalgebra Fib (Cartan matrix $\begin{bmatrix} 2 & -3 \\ -3 & 2 \end{bmatrix}$). We study highest and lowest weight Fib-modules in \mathcal{F} , as well as a curious type of irreducible module that is neither highest nor lowest

with respect to *Fib*. This is a continuation of the earlier talk by Alex Feingold. (Received January 15, 2016)