▶ SCOTT CRAMER, *Measures and combinatorics on λ^+*.

Dept. of Mathematics, Rutgers University - Hill Center for the Mathematical Sciences 110 Frelinghuysen Rd., Piscataway, NJ 08854-8019.
E-mail: `cramer@math.rutgers.edu`.

We will discuss the structure of measures, especially on λ^+, in $L(V_{\lambda+1})$ in the context of very large cardinal axioms. This situation is rather analogous to the context of determinacy, where the axiom of choice fails and ω_1 is measurable, as witnessed by the club filter which is an ultrafilter. We will also discuss properties of a certain class of measures concentrating on fixed points of elementary embeddings, first introduced by Woodin. In addition we will state some open problems regarding the relationship between measures derived from the club filter and these fixed point measures.