## A SHARP L<sup>2</sup> RESTRICTION THEOREM

## JIM WRIGHT

The classical Stein-Tomas  $L^2$  restrction argument can be formulated in an abstract way but it tends only to give a sharp bound when applied to certain varieties of codimension 1. We formulate a slightly more general version of the Stein-Tomas argument which gives sharp  $L^2$  restriction bounds for a large class of varieties of any dimension. This is joint work with Jonathan Hickman.