

1083-41-125

boris shekhtman*, department of mathematics, USF, Tampa, FL 33620. *What Ideal Projectors are limits of Lagrange Projectors.*

The title of this abstract is a question asked by Carl de Boer several years ago. The question is equivalent to the question: what classes of ideals belong to the good component of the Hilbert scheme. In my talk I will outline some known classes of ideal projector that are and are not the limits of Lagrange ones. I will also entertain some conjectures regarding the question. (Received August 24, 2012)