

1112-13-334 **Thanh Q Vu*** (tvu@unl.edu), Department of Mathematics, University of Nebraska-Lincoln,
Lincoln, NE 68588. *Fourth Veronese embeddings of projective spaces.*

I will introduce the notion of Betti splitting in studying syzygies of Veronese embeddings of projective spaces with special attention to the case of fourth Veronese. In particular, I will show how to deduce the Ottaviani-Paoletti conjecture for this particular case using Betti splittings. (Received August 07, 2015)