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**Michael A van Opstall\*** (opstall@math.utah.edu), Department of Mathematics, University of Utah, 155 S 1400 E Rm 233, Salt Lake City, UT 84112-0090. *Variation of hyperplane sections.*

Some time ago, Beauville showed that the hyperplane sections of a hypersurface of degree at least three and dimension at least two in projective space vary in moduli (this over a field of any characteristic), except for a few very special hypersurfaces. I discuss here how much they vary in moduli. (Received January 25, 2007)