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*Quasisymmetric harmonics of the exterior algebra*

We study the ring of quasisymmetric polynomials in  $n$  anticommuting (fermionic) variables. We show that the ideal generated by quasisymmetric polynomials is a commuting subalgebra and then we introduce a monomial basis which is indexed by ballot sequences for the quotient of the polynomial ring by the ideal generated by quasisymmetric polynomials.