High order biorthogonal basis functions

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Dual basis function are used to define (high order) interpolation operators. We consider high order basis functions based on Legendre and Jacobi polynomials. In this case the dual functions are biorthogonal to our chosen basis. In this talk we will consider this property in $2D$ and $3D$. Moreover we derive biorthogonal basis functions for vector valued functions in $H(\mathrm{Curl})$.

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