

XX Encuentros de Análisis Real y Complejo  
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## **SOME RESULTS RELATED TO BISPECTRAL FUNCTIONS**

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ABSTRACT. In this talk, we will discuss the role of bispectral functions in the construction of local operators that commute with global operators (such as differential operators and integral operators). From the original motivations (eg time-and-band-limiting) to more recent notions such as reflective operators, we will examine the relevance of bispectrality and/or bispectral functions through different scenarios.

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