**bisp3cum by Tom McMurray 26 May 2000 : computes the auto bispectrum and 3rd order cumulant of an input.**

The bisp3cum archive consists of 3 m files: bisp3cum.m, toep.m, and lagwind.m. bisp3cum.m computes the auto bispectrum and 3rd order cumulant of an input, providing approximately 3 times greater computational speed relative to the comparable functions in the HOSA Toolbox. In addition, the utility function, lagwind.m, provides more lag window functions for indirect bispectrum estimation than the HOSA functions. Finally, the utility function, toep.m, provides toeplitz matrix generation for bisp3cum.m.

**References:**

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