1050-53-31

Joseph A Johns* (jjohns@cims.nyu.edu), 251 Mercer street, New York, NY 10012. Complexifications of Morse functions and exact Lagrangian submanifolds in cotangent bundles. Preliminary report.

I will discuss complexifications of Morse functions viewed as symplectic Lefschetz fibrations, and hopefully some applications to exact Lagrangian submanifolds in cotangent bundles. (Received January 12, 2009)