

Abstract Submitted
for the MAR08 Meeting of
The American Physical Society

Test of search methods to extract quasi-periodical signals in noise from gravitational wave detectors. GIOVANNI SANTOSTASI, McNeese State University — We have tested several techniques to extract quasi-periodical signals in a simulated advanced gravitational wave detector noise. These methods include chi-square , Zn-square , H-test and Bayesian methods. The efficiency and usefulness, in different contexts, of these methods is discussed.

Giovanni Santostasi
McNeese State University

Date submitted: 27 Nov 2007

Electronic form version 1.4