http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumbe...

IEEE Xplore - Laboratory Gamma-Ray Images Using th...





Browse > Journals> Nuclear Science, IEEE Transact ... > Volume: 34 Issue: 1

Laboratory Gamma-Ray Images Using the ZEBRA Telescope

Dean, A. J.; Badiali, M.; Chiappetti, L.; Caroli, E.; Court, A.; Di Cocco, G.; Maggioli, P.; Perotti, F.; Soggiu, E.; Spizzichino, A.; Stephen, J. B.; Ubertini, P.;

Villa, G.; Yearworth, M.;

Physics Dept. University of Southampton, Southampton SO9 5NH U.K.

This paper appears in: Nuclear Science, IEEE Transactions on

Issue Date: Feb. 1987 Volume: 34 Issue:1 On page(s): 62 - 65 ISSN: 0018-9499

Digital Object Identifier: 10.1109/TNS.1987.4337302

Date of Current Version: 12 November 2007

Sponsored by: IEEE Nuclear and Plasma Sciences Society

ABSTRACT

A series of approximately 100 laboratory images have been made with the ZEBRA astronomical telescope using a range of radioactive sources. These images were aimed at assessing the performance of the telescope and included combinations of point sources, extended sources, ring sources as well as vignetted sources. Besides linear reconstruction techniques a range of non linear image restoration processes are discussed.

INDEX TERMS

Available to subscribers and IEEE members.

REFERENCES

Available to subscribers and IEEE members.

CITING DOCUMENTS

Available to subscribers and IEEE members.

© Copyright 2010 IEEE – All Rights Reserved

Indexed by Inspec

1 of 1 11/02/10 11:46