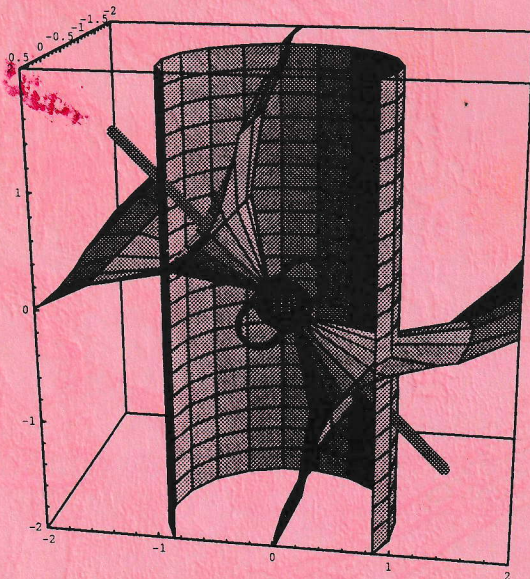


Proceedings of
the 2nd Yamagata Workshop
on
Rotation Powered Pulsars
and other X-ray and gamma-ray objects
as targets of the current observation projects
YUGAKKAN, YAMAGATA, JAPAN
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Edited by S. Shibata, and S. Gunji
Yamagata University

Preface

Recent progresses in detection of cosmic high energy photons are providing lots of exciting observational facts. As a result, high energy astrophysics and physics of particle acceleration are particularly attractive field these days. In this sense, the 2nd Yamagata workshop is very much stimulative: the workshop papers deal with current and future observational projects, recent observational results, and new theoretical results, with excellent reviews in the fields.

We should like to take this opportunity to thank Professor T. Kamae, for his financial support and encouragement, and Professor K S Cheng for his presenting two big review papers and contribution papers. We thank all participants for their contributions.

Finally, we give this volume an Appendix, which includes useful formulae for the pulsar study, and list of the brightest pulsars. We should be happy if it is helpful for readers.

S Shibata
S Gunji

4 August 1994

Japanese version:

まえがき

高エネルギー光子の検出技術の進歩に伴い興味深い観測結果が続きつぎ得られ、その結果高エネルギー天文学、粒子加速の物理学は大変魅力的な研究対象になっています。今回の山形ワークショップはこの意味で大変意義深いものでした；将来の観測計画、最近の観測結果の報告、観測と擦りあわせる理論的研究の結果、がこの集録に収められています。

ワークショップの開催に尽力くださった東大釜江常好先生に、また遠路参加くださった K S Cheng 先生に、感謝いたします。論文を発表くださった参加者の皆さんにお礼申し上げます。

集録の最後に付録として、パルサーに関する便利な公式集及び検出が期待されるパルサーのリストを付けました。どうぞご利用ください。

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List of participants

H. INOUE	(ISAS)	T. AOKI	(ISAS)
T. DOTANI	(ISAS)	T. KIFUNE	(ICRR)
M. TESHIMA	(ICRR)	M. HONDA	(ICRR)
T. TAMURA	(ICRR)	T. TANIMORI	(TIT)
T. KAMAE	(TOKYO)	T. TAKAHASHI	(TOKYO)
N. SHIBAZAKI	(RIKKYO)	F. TAKAHARA	(METRO-U)
M. MORI	(MIYAGI-KYOUIKU)	H. HANAMI	(IWATE)
K. S. Cheng	(HONG KONG)	J. MIYAZAKI	(METRO-U)
T. NAITO	(METRO-U)	S. INOUE	(METRO-U)
K. MURATA	(RIKKYO)	Y. MOCHIZUKI	(RIKKYO)
M. HIRAYAMA	(TOKYO)	Y. SAITO	(TOKYO)
H. OHNO	(TOHOKU)	S. NITTA	(NAGOYA)
S. GUNJI	(YAMAGATA)	S. SHIBATA	(YAMAGATA)
H. SAKURAI	(YAMAGATA)	F. TOKANAI	(YAMAGATA)
E. TAKASE	(YAMAGATA)	M. SATOU	(YAMAGATA)
A. Iwabuchi	(YAMAGATA)	K. Shirota	(YAMAGATA)
H. Michiru	(YAMAGATA)	K. Sato	(YAMAGATA)
H. OGAWA	(YAMAGATA)		