

다음은 한국 천문학회 1981년도 춘계 및 추계 학술 대회에서 발표되었던 총 29편의 논문 초록을 그 발표 순으로 실은 것입니다.

春季 學術大會

일시 : 1981年 5月 1日~2日

장소 : 연세 대학교 장 기원 기념관, 연세 대학교 천문대

Chemical Evolution of Galaxies(초청 강연)

See-Woo Lee

Seoul National University

Observational constraints and models related to chemical evolution of galaxies are examined, discussing the effects of physical parameters involved in the models. Some problems in the chemical evolution of our Galaxy are briefly discussed.

Relation between Abundance and Kinematics

Sang-Gak Lee

Seoul National University

It is intended to see whether there are any correlations between metal abundance and the spatial motions of the nearby field stars.

The Structure of Barred Spiral Galaxies; NGC 1313 and NGC 1365

M. S. Chun

Yonsei University

PDS was used to get the structure of two barred spiral galaxies-NGC 1313 and NGC 1365. This structure was compared with the observed radial abundances in HII regions. The result shows that NGC 1365, which shows somewhat steep abundance gradient in HII regions, has a deep spheroidal component. However NGC 1313, which has no abundance gradient, does not have any spheroidal component, but has only an exponential component.

A Surface Photometry of Nearby Galaxies: M106, M31 and M33

Hong Bae Ann*

*Seoul National University***

V,B, (U) photoelectric drift scans of nearby galaxies, M106, M31, and M33 have been made at

* The author is thankful to the director and staff of the Korean National Astronomical Observatory for the allocation of telescope time and the observing support for this work.

** Currently at Department of Earth Science, Busan National University.