乞掲示

## 理化学研究所原子核グループコロキウム　*2002. 4. 9*

講師 ： **Prof. B. Alex Brown**

( Michigan State University, USA )

題目 ： Spectroscopic Factors in Light Nuclei

- Building Blocks of the Shell Model

∗ The seminar will be given in *English.*

日時 ： 2002年 4月 9日 (Tue.)　16:00 –

場所 ： RIKEN Main Bldg. 4F Seminar Room


*Abstract*

I will present an overview of spectroscopic factors in light nuclei. The results of extreme single-particle models as well as those in obtained in large-basis configuration mixing models will be presented and compared with experiment. The results for recent nucleon knock-out experiments on nuclei near the drip lines will be presented. The quenching of the spectroscopic factors obtained in (e,e'p) reactions on stable nuclei will be discussed, and a new approach of using high-energy knockout reactions to measure the quenching in unstable nuclei will be outlined.


∗ Host researcher : T. Otsuka (Univ. of Tokyo/RIKEN)

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