

E452 K. Nakai

Spin-dependent Interactions in Σ^+ -p Scattering

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Papers and activities

[Legend]

- Physics papers published in refereed journal
 - Technical papers
 - ★ PhD theses
 - ◇ Conference and Symposium
 - * Internal Report and others
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- T. Kadowaki et al.
Asymmetry Measurement of the Polarized Σ^+ p Elastic Scattering and the Hyperon Nucleon Spin-Orbit Interaction.
Eur. Phys. J. vol. A15 (2002) pp.295-298.
 - K. Nakai
Spin –Dependent Interactions in Hyperon Nucleon Scattering.
Nucl.. Phys. vol. A721 (2003) pp.673c-678c
 - J. Asai et al.
Hyperon Scattering Experiments with a new Tracking Detector 'SCITIC'.
Jpn. J. Appl. Phys. vol.43 (2004), pp.1586-1592.
 - M. Kurosawa et al.
Image analysis of SCITIC for hyperon scattering experiments
Jpn. J. Appl. Phys. vol.45 (2006), pp.4204-4213.
 - A. Sato et al.
Scintillating Track Image Camera - SCITIC.
Jpn. J. Appl. Phys. vol.43 (2004) pp.1593-1601.
 - ★ Akira Sato
Development of a New Tracking Detector for Hyperon-Nucleon Scattering Experiments
Tokyo University of Science 2001.
 - ★ T. Kadowaki
Asymmetry Measurement of the Polarized Hyperon-Nucleon Elastic Scattering
Tokyo University of Science 2002.
 - ★ J. Asai
Measurements of asymmetry and depolarization parameters in the polarized Σ^+ p elastic scattering
Tokyo University of Science 2004.
 - ★ M. Kurosawa
Study of Spin-Dependent Interactions between Hyperon and Nucleon
Tokyo University of Science, March 2006.
 - ◇ K. Nakai
Studies of Spin-Dependent Hyperon Nucleon interactions
KEK–Seminar on “Recent Progress of Strangeness Nuclear Physics” (Tsukuba, March, 2002).
 - ◇ K. Nakai
Spin-Dependent Interactions in Hyperon-Nucleon Scattering

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 - * Internal Report and others.

- PANIC02 ,XVI International Conference on Particles and Nuclei (Osaka, September, 2002).
- ◇ J. Asai
SCITIC for Hyperon-Scattering Experiments
PANIC02, XVI International Conference on Particles and Nuclei (Osaka, September, 2002).
 - ◇ J. Asai
Asymmetry measurement of the polarized Σ^+ p elastic scattering and the hyperon-nucleon spin orbit interaction
SENDAI 2003 the international symposium on "Electrophoto-production of Strangeness on Nucleons and Nuclei" hosted by the department of physics" (Tohoku University, June 2003).
 - ◇ M. Kurosawa
The study of spin-dependent interaction between hyperon and nucleon
SENDAI 2003, the international symposium on "Electrophoto-production of Strangeness on Nucleons and Nuclei" hosted by the department of physics, Tohoku University, June 2003.

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