APPENDIX  5.   List of Publications I (NIFS Series)

NIFS-949  Young-Dae Jung and D. Kato
Quantum Effects on the Formation of Negative Hydrogen Ion by Polarization Electron Capture in
Partially Ionized Dense Hydrogen Plasmas
May 07, 2009

NIFS-950  Young-Dae Jung and D. Kato
Quantum Effects on the Entanglement Fidelity in Elastic Scatterings in Strongly Coupled
Semiclassical Plasmas
May 07, 2009

NIFS-951  Young-Dae Jung and D. Kato
Quantum and Plasma Screening Effects on the Wannier Threshold Law for the Double-electron
Ionization in Strongly Coupled Semiclassical Plasmas
June 30, 2009

NIFS-952  Young-Dae Jung and D. Kato
Electron Collision Effects on the Bremsstrahlung Emission in Lorentzian Plasmas
June 30, 2009

NIFS-953  A. Endo, N. Hatano, H. Nakamura and R. Shirasaki
Fundamental Relation between Longitudinal and Transverse Conductivities in the Quantum Hall
System
July 09, 2009

NIFS-954  M. Matsuo, A. Endo, N. Hatano, H. Nakamura, R. Shirasaki, K. Sugihara
Quantum Nernst Effect in a Bismuth Single Crystal
July 09, 2009

NIFS-955  H. Sugama, T.-H. Watanabe, and M. Nunami
Linearized Model Collision Operators for Multiple Ion Species Plasmas and Gyrokinetic Entropy
Balance Equations
Aug. 04, 2009

NIFS-956  S. Satake, Y. Idomura, H. Sugama, T.-H. Watanabe
Benchmark Test of Drift-kinetic and Gyrokinetic Codes through Neoclassical Transport
Simulations
Sep. 08, 2009

NIFS-957  R. Kanno, M. Nunami, S. Satake, H. Takamaru, M. Okamoto and N. Ohyabu
Modelling of Ion Thermal Transport in Ergodic Region of Collisionless Toroidal Plasma
Sep. 09, 2009

NIFS-958  S. Saito, A. Ito and H. Nakamura
Incident Angle Dependence of Reactions between Graphene and Hydrogen Atom by Molecular
Dynamics Simulation
Jan. 12, 2010

NIFS-959  M. Nunami, T.-H. Watanabe and H. Sugama
Gyrokinetic Vlasov Code Including Full Three-dimensional Geometry of Experiments
Mar. 09, 2010

NIFS-DATA-106 Y. Wu, Y.Y. Qi, J. Yan, J.G. Wang, Y. Li, R.J. Buenker and D. Kato
Low Energy Electron Capture in Collisions of C+ with He
June 18, 2009

One-electron Capture and Target Ionization in He+-neutral-atom Collisions.
Dec. 11, 2009

Cross Sections and Oscillator Strengths for Electron-impact Excitation of Electronic States in
Polyatomic Molecules
-Application Examples of the BEf- scaling model in Optically-allowed Transitions-
Dec. 14, 2009

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NIFS-MEMO-58  Radiation Control Safety Office/Safety Hygiene Protection Bureau, Safety and Environmental Research Center National Institute for Fusion Science
Dec. 07, 2009

NIFS-PROC-80  K. Miyamoto
Plasma Physics for Controlled Fusion
Jan. 12, 2010

NIFS-PROC-81  Eds. F. Koike and C. Dong
JSPS-CAS Core University Program Seminar Proceedings of Japan-China Joint Seminar on Atomic and Molecular Processes in Plasma Oct. 26 - 31, 2009, Xi'an, China
Feb. 24, 2010

NIFS-PROC-82  Eds. K. Kamada and T. Ozaki
New Developments of Plasma Science with Pulsed Power Technology, Mar. 5-6, 2009, NIFS
Mar. 17, 2010