APPENDIX 5. List of Publications I (NIFS Series)

NIFS-871 M. Nunami, R. Kannno, S. Satake H. Takamaru, H. Sugama and M. Okamoto
Neoclassical Transport Analysis around An m/n = 1/1 Magnetic Island
Mar. 2007

NIFS-872 A. Ito, H. Nakamura and A. Takayama
Chemical Reaction between Single Hydrogen Atom and Graphene
Apr. 2007

NIFS-873 R. Kanno, M. Nunami, S. Satake, H. Takamaru and M. Okamoto
Transport Modeling of Edge Plasma in an m/n=1/1 Magnetic Island
June 2007

NIFS-874 R. Preuss, H. Yamada, M. Osakabe, S. Sakakibara, K. Tanaka, K.Y. Watanabe and A. Dinklage
Determination of Uncertainties in the Machine Variables of LHD and CHS for Confinement Time Scaling
July 2007

NIFS-875 H. Nakamura and A. Takayama, A. Ito
Molecular Dynamics Simulation of Hydrogen Isotope Injection into Graphene
July 2007

NIFS-876 N. Hayashi, T. Takizuka, N. Aibe, T. Ozeki, N. Oyama
Integrated ELM Simulation with Edge MHD Stability and Transport of SOL-divertor Plasmas
July 2007

NIFS-877 M. Rajkovic, M. Skoric, K. Solna, G. Antar
Characterization of Local Turbulence in Magnetic Confinement Devices
July 2007

NIFS-878 S. Ferrando-Margalet, H. Sugama, T.-H. Watanabe
Zonal Flows and Ion Temperature Gradient Instabilities in Multiple-helicity Magnetic Fields
Aug. 2007

NIFS-879 Y. Tomita, R. Smirnov, T. Takizuka and D. Tskhakaya
Effect of Oblique Magnetic Field on Release Conditions of Dust Particle from Plasma-Facing Wall
Aug. 2007

NIFS-880 K. Minami
Design Study of a Plasma-Loaded CRM Using TPD-II Machine
Aug. 2007

NIFS-881 K. Shimizu, T. Takizuka, H. Kawashima
Extension of IMPMC Code toward Time Evolution Simulation
Aug. 2007

NIFS-882 N. Hatano, K. Sasada, H. Nakamura and T. Petrosky
Some Properties of the Resonant in Quantum Mechanics and its Computation
Aug. 2007

NIFS-883 H. Nakamura, N. Hatano, S. Garmon and T. Petrosky
Quasi-bound States in Continuum
Aug. 2007

NIFS-884 M. Nishida, H. Tawara, T. Ido, A. Shimizu, V.P. Shevelko and LHD experimental group
Interactions of Intermediate Energy Au Ions with Gases and Plasmas: Application to Plasma Diagnostics
Jan. 2008
NIFS-885  H. Sugama and S. Nishimura  
Moment-equation Methods for Calculating Neoclassical Transport Coefficients in General Toroidal  
Plasmas  
Jan. 2008

NIFS-DATA-100  K. Okuno  
Low Energy Cross Section Data for Ion-molecule Reactions in Hydrogen Systems and for  
Charge Transfer of Multiply Charged Ions with Atoms and Molecules  
Apr. 2007

Elastic Differential Cross Sections for Electron Collisions with Polyatomic Molecules  
Jan. 2008

NIFS-MEMO-54  Radiation Control Safety Office/Safety Hygiene Protection Bureau, Safety and  
Environmental Research Center, National Institute for Fusion Science  
Oct. 2007

NIFS-MEMO-55  Proceedings of Symposium on Technology in Laboratories by Department of  
Engineering and Technical Services  
Mar. 2008

NIFS-PROC-66  Heiji Sanuki  
SOKENDAI Lecture Series "Mathematics for Physics" Selected Topics on Nonlocal  
Analysis of Plasma Waves and WKB Method (Lecture Series-II)  
Apr. 2007

NIFS-PROC-67  K. Ichiguchi (Ed.)  
Proceedings of Joint Workshop of NIFS Cooperative Programs 2006 for MHD Theory  
and Related Topics  
Aug. 2007

NIFS-PROC-68  (Ed.) K. Kawahata  
Proceedings of the 13th International Symposium on LASER-AIDED PLASMA  
DIAGNOSTICS 18-21 September, 2007 Hida Hotel Plaza, Takayama, Japan  
Sep. 2007

NIFS-PROC-69 (I) 1 - 438  Joint Conference of 17th International Toki Conference on Physics of  
Flows and Turbulence in Plasmas and 16th International  
Stellarator/Heliotron Workshop 2007, Proceedings (I), Ceratopia Toki, Gifu,  
Japan, October 15-19, 2007  
Jan. 2008

NIFS-PROC-69 (II) 439 - 861  Joint Conference of 17th International Toki Conference on Physics of  
Flows and Turbulence in Plasmas and 16th International  
Stellarator/Heliotron Workshop 2007, Proceedings (II), Ceratopia Toki, Gifu,  
Japan, October 15-19, 2007  
Jan. 2008

NIFS-PROC-70  (Eds.) Z.Z. Gu and T. Norimatsu  
Proceedings of JSPS-CAS Core University Program Seminar on Target Materials,  
July 28 - Aug. 1, 2007, Huangshan, Anhui  
Feb. 2008