

## 参考文献

- 1) Christopher F. Hoerber, Ernest A. Robertson, Ira Katz V. A. Davis, David B. Snyder, "Solar Array Augmented Electrostatic Discharge in GEO", AIAA, 98-1401, 1988
- 2) Kawakita S., Kusawake H., Takahashi M., Maejima H., Kurosaki T., Kojima Y., Goto D., Kimoto Y., Ishizawa J., Nakamura M., Kim J., Hosoda S., Cho M., Toyoda K., Nozaki Y., "Investigation of an Operational Anomaly of the ADEOS-II Satellite", 9<sup>th</sup> Spacecraft Charging Technology Conference, Tsukuba, Japan, 2005
- 3) Brophy J. R., Robert G., "300-kW Solar Electric Propulsion System Configuration for Human Exploration of Near-Earth Asteroids", AIAA, 47<sup>th</sup>, July-August, 2011
- 4) Ferguson. C. D., "The Voltage Threshold for Arcing for Solar Cells in LEO-Flight and Ground test Results", NASA Technical Memorandum, March 1986
- 5) Hillard G. B., Ferguson. C. D., "Solar Array Module Plasma Interactions Experiment (SAMPIE)": Science and Technology Objectives", AIAA, Vol.30, No.4, July-August 1993
- 6) Carmen Perez de la Cruz, Hastings D. E., "Data Analysis and Model Comparison for Solar Array Module Plasma Interactions Experiment", AIAA, Vol.33, No.3, May-June 1996
- 7) James D. Soldi, Hastings D. E., "Flight Data Analysis for the Photovoltaic Array Space Power Plus Diagnostics Experiment", AIAA, Vol.34, No.1, January-February 1997
- 8) Kuninaka H., "Space Experiment on Plasma Interaction Caused by High-Voltage Photovoltaic Power Generation", AIAA, No.32, No.5, September-October 1995
- 9) Okumura. T., Likar. J. J., Tanabe. Y., Imaizumi. M., Ferguson. C. D., Cho M., "ON-ORBIT ESD EXPERIMENT ON SOLAR CELL PERFORMANCE: EXPERIMENT OVERVIEW", 9<sup>th</sup> European Space Power Conference on Disk, Saint-Rafael France, June 2011
- 10) Cho M., Haruhisa F. : "Review on Charging and Discharging Phenomena in Space Environment, I. Space Environment and Spacecraft Charging", AERONAUTICAL AND SPACE SCIENCE JAPAN1, Vol.51, No591 pp.109~pp.117, (2003)
- 11) Cho M., Haruhisa F. : "Review on Charging and Discharging Phenomena in Space Environment, II. Arcing on High Voltage Solar Array and Future Issues", AERONAUTICAL AND SPACE SCIENCE JAPAN, Vol.51, No597 pp.139-144, (2003)
- 12) Bogorad A., Bowman C., Dennis A., Beck J., Lang D., Herschitz R., Buehler M., Blaes B., Martin D.: "Integrated Environmental Monitoring System for Spacecraft", IEEE Transection on Nuclear Science, Vol.42, No.6, 1995, pp.2051-2057
- 13) Hosoda S., Okumura T., Toyoda K., Cho M. : "Development of High Voltage Solar Array in LEO plasma" , JAPAN SOLAR ENERGY SOCIETY, Vol.30, No2 pp.25- 29, (2004)
- 14) Okumura T., Hosoda S., Jeongho K., Iwata M., Cho M. : "Optical Characteristic Change of Transparent Film Due to Combined Exposure to Atomic Oxygen and Ultraviolet Ray" , Journal of the Japan Society for Aeronautical and Space Sciences, Vol.54, No628 pp.232- 233, (2006)