Intermediate Lab

PHYS 3870

An Exercise in Reference Management and Use

Use Google Scholar to find:

- A physics related article by an author with your last name
- An article in American Journal of Physics related to this topic
- An article from within the last 2 years related to this topic
- An article from before you were born related to this topic

Use Google Scholar and EndNote to:

- Use *Google Scholar* to save citations to these 4 articles in *EndNote Basic* format
- Write a sort paragraph about the physics topic in *Word*.
- Use *EndNote Basic* Cite-While-You-Write to provide citations for your paragraph.
- Use *EndNote Basic* to create a bibliography for your paragraph using the AIP Style.
- Save your Word file as a PDF file, with a filename LastnameFirstInitial_Endnote.pdf (*e.g.*, DennisonJ_EndNote.pdf).

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An Example of an Exercise in Reference Management and Use

Spacecraft Charging Tests for Dummies

JR Dennison

Space is big, really big. As Douglas Adams famously said, "Space is big. Really big. You just won't believe how vastly, hugely, mind-bogglingly big it is. I mean, you may think it's a long way down the road to the chemist, but that's just peanuts to space."[1] Space is also harsh…really harsh.[2] To understand how this harsh environment affects the materials spacecraft are made out of, tests need to be performed in ground-based test facilities that simulate the space environment.[3, 4] The results of such tests are then used in complex numerical programs that estimate the charging of spacecraft in various space environents.[5]

References

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5. I. Katz, M. Mandell, G. Jongeward and M. S. Gussenhoven, Journal of Geophysical Research: Space Physics (1978–2012) **91** (A12), 13739-13744 (1986).