

TITLE GOES HERE

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Abstract

The abstract is an abbreviated account of why (objectives and scope) and how (methods employed) the work was done, and a summary of the results and main conclusions. Avoid vague statements. The abstract of a paper is read by many people from different academic backgrounds so avoid use of jargon. Be concise. The overall paper should be less than five pages.

1. Introduction

This section includes a brief introduction to the issue dealt in the report. Its main objective is state what problem was studied (the ‘research question’). The organization ought to provide context for the work, citation of appropriate prior research. The logical structure should be like a “funnel”: provide the context then focus to the specific issue examined. Some hints: use past tense to state the ‘research question’, repeat the key terms of the title, and make the ‘gap’ obvious.

References of prior and relevant research need to be quoted using superscript¹. Equations should be numbered like this [1] and should be introduced in separate lines. For example, the energy E of a photon of wavelength λ is given by

$$E = \frac{hc}{\lambda} \quad [1]$$

where h is the Planck constant and c the speed of light.

2. Methods

The aim of this section is to describe how the research question was addressed. Although as brief as possible, give full details of the methods (a reader ought to be able to repeat your procedure, in the exact same conditions from your manuscript). Do not include any results in the Method. Use active voice whenever possible and place details in parentheses (if necessary). Include figures and tables whenever appropriate.

2.1 Subheading

If clarity requires it, this section may be divided in subsections.

3. Results

The findings of the work are presented in the Results section. They should answer, or attempt to answer, the stated research question. The results should preferably be presented as graphs, numbered and with captions (Fig. 1).

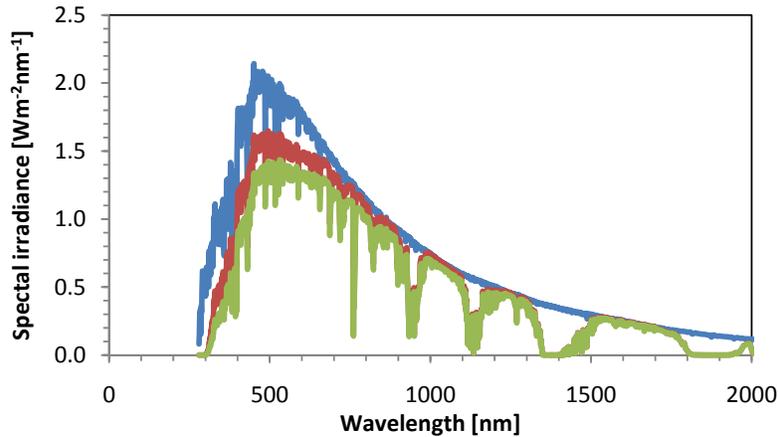


Fig. 1. Graphs with results should be readable and clear. Make sure units are shown. In this example, the caption ought to read something like “Standard spectral irradiance for AM0 - Extraterrestrial (blue), AM1.5 - Global (red) and AM1.5 – Direct (green).”

Numbered tables (Table I) may also be useful. Make sure the table or the figure follows the text where they are first mentioned. The text includes supplementary material to the visuals. It should not be just a repetition. Use the past tense. If clarity requires it, this section may also be divided in subsections.

Table I: Requirements for solar simulators for crystalline Si single-junction devices according to IEC 904-9.

	Class A	Class B	Class C
Spectral match	0.75 – 1.25%	0.6 – 1.4%	0.4 – 2.0%
Non-uniformity	<±2%	<±5%	<±10%
Temporal instability	<±2%	<±5%	<±10%

4. Discussion

What do these findings mean? Briefly summarise and discuss the results – don’t merely repeat them (i.e. critically evaluate the results in context of prior research). Refer to the research question stated in the introduction. Organize the discussion according to the ‘logical flow’, which may differ from that of the results. Write in present tense, active voice, except for results, which are described in the past tense. Discuss other studies only

in the context of your results. Explain unexpected findings and briefly describe limitations of your study.

The final part of the Discussion is the conclusion(s) (“In summary ...”). If necessary, suggest further work. Use past tense except when making comparisons to previous studies or results.

5. References

- [1] A.B.Ceedy, (1999). Handbook of Solar System Layouts, SciPress, Lisbon.
- [2] E. Fchart, G. Hotwater, I. Jay, K. Load, Journal of Remarkable Solar Systems, 4 (2008) 51-58.
- [3] M. Novo, O. Projecto, Q., Radiante, Wild New Exciting Ideas for Solar Systems (WENISS). JOULE XVII Publishable Report, EU Contract J17-CT21-0010, 2023.