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***RESEARCH ARTICLE - APPLIED ART***

**Title of the article**

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| **Article Info.** | **Abstract** |
| *Article history:*ReceivedXX February 2024AcceptedXX April 2024PublishingXX June 2024 | The manuscript should contain an abstract. The abstract should be self-contained and citation-free and should not exceed 300 words. The abstract should state the purpose, approach, results and conclusions of the work. The author should assume that the reader has some knowledge of the subject but has not read the paper. Thus, the abstract should be intelligible and complete in itself (no numerical references); it should not cite figures, tables, or sections of the paper. The abstract should be written using the third person instead of the first person. |
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| **Keywords**: Use about five keywords and separate them by a semicolon. |

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2.1.1. Title of the paper

2.1.2. Authors and affiliations

2.1.3. Abstract

2.1.4. Keywords

2.1.5. Introduction

|  |  |  |
| --- | --- | --- |
| **Nomenclature &** **Symbols** |  |  |
| CPV | Concentrating Photovoltaic | CPC | Compound Parabolic Concentrator |
| CR | Concentration Ratio | PCM | Phase Change Material |
| Iabs | Irradiancies on the Absorber Plane (w/m2) | Aabs | Area of the Absorber Plane (m2) |
| Β | Reflectivity (%) | Ω | Vertex Angle (O) |

2.1.6. Nomenclature & Symbols

2.1.7. Main body

2.1.8. Conclusions

2.1.10. Acknowledgement

2.1.10. References

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Fig. 2. Solar refrigeration system

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$\sin(x)+\cos(y=a)$ (1)

$dL=G\*d\_{w}$(2)

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Acknowledgement

This is a text of acknowledgement. Do not forget the people who have assisted you with your work. Do not exaggerate with thanks. If your work has been paid by a Grant, mention the Grant name and number here.

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**Book**

[Ref number] Author’s initials. Author’s Surname, Book Title, edition (if not first). Place of publication: Publisher, Year.

1. I.A. Glover and P.M. Grant, Digital Communications, 3rd ed. Harlow: Prentice Hall, 2009.

**Book chapter**

[Ref number] Author’s initials. Author’s Surname, “Title of chapter in a book,” in Book Title, edition (if not first), Editor’s initials. Editor’s Surname, Ed. Place of publication: Publisher, Year, page numbers.

1. C. W. Li and G. J. Wang, "MEMS manufacturing techniques for tissue scaffolding devices," in Mems for Biomedical Applications, S. Bhansali and A. Vasudev, Eds. Cambridge: Woodhead, 2012, pp. 192-217.

**Electronic Book**

[Ref number] Author’s initials. Author’s Surname. (Year, Month Day). Book Title (edition) [Type of medium]. Available: URL

1. W. Zeng, H. Yu, C. Lin. (2013, Dec 19). Multimedia Security Technologies for Digital Rights Management [Online]. Available: http://goo.gl/xQ6doi

**Journal article**

[Ref number] Author’s initials. Author’s Surname, “Title of article,” Title of the journal abbreviated in Italics, vol. number, issue

number, page numbers, Abbreviated Month, Year, Doi.

1. Osamah Sabah Barrak, Osamah Fattah Taresh, Mahmood Mohammed Hamzah, and Rusul Ahmed Shakir, “An Investigation of Joining Polyamide (PA) to Stainless Steel AISI 316L by Hot Press Process”, JT, vol. 5, no. 1, pp. 114–121, Apr. 2023, <https://doi.org/10.51173/jt.v5i1.1280>.

**E-Journal article**

[Ref number] Author’s initials. Author’s Surname. (Year, Month). “Title of article.” Journal Title [type of medium]. volume number, issue number, and page numbers if given. Available: URL

1. M. Semilof. (1996, July). “Driving commerce to the web-corporate intranets and the internet: lines blur”. Communication Week [Online]. vol. 6, issue 19. Available: http://www.techweb.com/se/directlinkcgi?CWK19960715S0005

**Conference papers**

[Ref number] Author’s initials. Author’s Surname, “Title of paper,” in the name of Conference, Location, Year, pp. xxx.

1. S. Adachi, T. Horio, T. Suzuki. "Intense vacuum-ultraviolet single-order harmonic pulse by a deep-ultraviolet driving laser," in Conf. Lasers and Electro-Optics, San Jose, CA, 2012, pp.2118-2120.

**Reports**

[Ref number] Author’s initials. Author’s Surname, “Title of report,” Abbreviated Name of Company., The City of Company., State, Report number, year.

1. P. Diament and W. L. Luptakin, “V-line surface-wave radiation and scanning,” Dept. Elect. Eng., Colombia Univ., New York, Sci Rep. 85, 1991.

**Patents**

[Ref number] Author’s initials. Author’s Surname, “Title of patent,” Country where the patent is registered. Patent number, Abbrev of Month Day Year.

1. J. P. Wilkinson, “Nonlinear resonant circuit devices,” U.S. Patent 3 624 125, July 16 1990.

Note: Use “issued date” if several dates are given.

**Standards**

[Reference number] Title of Standard, Standard number, date.

1. Shunt power capacitors, IEEE Standard 18-2012, 2013.

**Theses/Dissertations**

[Ref number] Author’s initials. Author’s Surname, “Title of thesis,” Designation type, Abbrev. Dept., Abbrev. Univ., City of Univ., State, Year.

1. J. O. Williams, “Narrow-band analyser,” Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, 1993.

**Datasheets**

[Ref number] Author’s initials. Authors Surname, “Title of Datasheet,” Part datasheet, Publication date [Latest revision date].

1. Texas Instruments, “High-speed CMOS logic analogue multiplexers/demultiplexers,” 74HC4051 datasheet, Nov. 1997 [Revised Sept. 2002].

**Online Documents**

1. M.R. Brooks, “Musical toothbrush with adjustable neck and mirror,” U.S Patent 326189 [Online], May 19 1992. Available: http://goo.gl/VU1WEk

**Websites**

[Ref number] Author’s initials. Authors Surname. (Year, Month. Day). Title of web page [Online]. Available: URL

1. BBC News. (2013, Nov. 11). Microwave signals turned into electrical power [Online]. Available: <http://www.bbc.co.uk/news/technology-24897584>
2. M. Holland. (2002). Guide to citing Internet sources [Online]. Available: <http://www.bournemouth.ac.uk/library/using/guide_to_citing_internet_sourc.html>