

JMEC – Template Word Professionnel

Journal of Mathematics, Engineering and Computer Science (JMEC)

International Peer-Reviewed Journal • Semiannual Publication

Title of the Article

(Times New Roman, 14 pt, Bold, Centered)

Author One¹, Author Two²

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Abstract

The abstract should be concise (≤ 250 words).

It should summarize objectives, methods, key results, and conclusions.

Keywords: keyword1; keyword2; keyword3; keyword4

MSC (2020): 35K05, 65N30

1. Introduction

Introduce the context, problem, literature review, and objectives.

2. Preliminaries / Notations

Define symbols and preliminary concepts used in the paper.

3. Methods / Materials / Theory

Present methodology, theoretical framework, and equations.

Equations

The **equations** deviate from this template's specified requirements. You must decide whether to type your equation in the Times New Roman or Symbol typeface (please do not use any other font). It might be essential to treat the equation as a graphic and insert it into the text after your paper has been prepared in order to produce multileveled equations.

sequential number equations. Equation numbers in parenthesis should be positioned flush to the right.

Example equation (automatically numbered):

$$\Delta\psi + \lambda e^{a\psi} = 0 \quad \text{sur } \Omega \quad (1)$$

Example table:

Table Head	Table Column Head		
	<i>Table column subhead</i>	<i>Subhead</i>	<i>Subhead</i>
copy	More table copy ^a		

Sample of a Table footnote. (*Table footnote*)

4. Main Results / Theorems

Theorem 4.1. Statement of the theorem goes here.

Proof. Proof text goes here.

Corollary 4.2. Corollary statement.

5. Numerical Results / Applications

Insert figures/tables here.

Figure 1 – Sample figure caption.
(Insert figure above the caption)

6. Discussion

Interpret the results and compare them with related work.

7. Conclusion

Summarize contributions and future perspectives.

8. Acknowledgements (optional)

Acknowledge funding or support.

9. References

References must be complete and follow journal style.

Example references:

References should be cited in the text by numbers between square brackets like [1], [2, P. 161]

[1] M. Badiale, M. Guida, S. Rolando, Elliptic equations with decaying cylindrical potentials and power-type nonlinearities, *Adv. Differential Equations*, 12 (2007) 1321-1362.

[2] P. Cesar da Silva, D.dos Santos Matos, A. Nied, M. Santos Matos Cavalca, J.Oliveira, "Reduction of synchronous reluctance motor currents with minimization of direct and cross saturation magnetic model, *ISA Transactions* 111 (2021) 223–230.

[3] J. Chen, Existence of solutions for a nonlinear PDE with an inverse square potential, *J. Differential Equations* 195 (2003) 497–519.

[4] Fliess M, Lévine J, Martin P, Rouchon P (2007) Flatness and defect of non-linear systems, introductory theory and examples. *Int J Control* 61(6):1327–1361.

[5] Smith J., Brown A. (2023). Nonlinear elliptic problems in engineering. *Journal of Differential Equations*, 320, 100–120.

[6] Evans L.C. (2010). *Partial Differential Equations*. AMS, Providence.

10. Appendices (optional)

Include supplementary material if needed.

Recommended formatting in word

- Margins: 2.5 cm (A4)
- Font: Times New Roman, 12 pt (text), 14–16 pt (titles)
- Line spacing: 1.15
- Use **Heading 1/2/3 styles** for sections/subsections
- Captions for figures/tables
- Equations numbered right-aligned