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FULL TITLE

FIRST AUTHOR * AND SECOND AUTHOR

Abstract. The manuscripts will include the full address (es) of the author (s), with E-mail address (es) and ORCID id(s), an abstract not exceeding 300 words, 2010 Mathematics Subject Classification, Key words and phrases. All illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.

Keywords: Keyword1, Keyword2, ...

2010 Mathematics Subject Classification: Primary, Secondary.

1. Introduction

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Theorem 1.1. *The square of any real number is non-negative.*

Proof. Any real number x satisfies $x > 0$, $x = 0$, or $x < 0$. If $x = 0$, then $x^2 = 0 \geq 0$. If $x > 0$ then as a positive time a positive is positive we have $x^2 = xx > 0$. If $x < 0$ then $-x > 0$ and so by what we have just done $x^2 = (-x)^2 > 0$. So in all cases $x^2 \geq 0$. □

Definition 1.1. *content...*

Example 1.1. *content...*

2. Preliminaries

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Table 2.1. Caption text

Column 1	Column 2	Column 3	Column 4
row 1	data 1	data 2	data 3
row 2	data 4	data 5	data 6
row 3	data 7	data 8	data 9

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$$e^{i\pi} + 1 = 0 \tag{2.1}$$

Theorem 2.1. *Euler's identity (also known as Euler's equation) is the equality* $e^{i\pi} + 1 = 0$ *where* e *is Euler's number, the base of natural logarithms,* i *is the imaginary unit, which by definition satisfies* $i^2 = -1$*, and* π *is pi, the ratio of the circumference of a circle to its diameter.*

Proof. Please write proof of the Theorem 2.1 here [11]. □

Corollary 2.1. *content...*

Proposition 2.1. *content...*

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The well known Pythagorean theorem $x^2 + y^2 = z^2$ was proved to be invalid for other exponents. Meaning the next equation has no integer solutions:

$$x^n + y^n = z^n$$

Proof of Corollary 2.1. Please write proof of the Corollary 2.1 here [7]. □

Lemma 2.1. *content...*

Remark 2.1. *content...*

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3. Conclusion

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$$x = a_0 + \cfrac{1}{a_1 + \cfrac{1}{a_2 + \cfrac{1}{a_3 + \cfrac{1}{a_4}}}}$$

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References

[1] Cannas da Silva, A. (2008). Lectures on symplectic geometry. Vol. 1764. Lecture Notes in Mathematics. Springer-Verlag, Berlin.

[2] Chen, B. Y. (2017). Differential geometry of warped product manifolds and submanifolds. Singapore: World Scientific.

[3] Datta, M., & Islam, M. R. (2009). Submersions on open symplectic manifolds. Topology and its Applications, 156(10), 1801-1806.

[4] Falcitelli, M., Ianus, S., & Pastore, A. M. (2004). Riemannian submersions and related topics, World Sci. Publishing, River Edge, NJ.

[5] Gray, A. (1967). Pseudo-Riemannian almost product manifolds and submersions. J. Math. Mech., 16, 715-738.

[6] Gürsoy, A. (2022). Optimization of product switching processes in assembly lines. Arabian Journal for Science and Engineering, 47(8), 10085-10100.

[7] Gürsoy, A. (2022). Construction of networks by associating with submanifolds of almost Hermitian manifolds. Fundamental Journal of Mathematics and Applications, 5(1), 21-31.

[8] Hogan, P. A. (1984). Kaluza–Klein theory derived from a Riemannian submersion. Journal of mathematical physics, 25(7), 2301-2305.

[9] O'Neill, B. (1966). The fundamental equations of a submersion. The Michigan Mathematical Journal, 13(4), 459-469.

[10] Sahin, B. (2017). Riemannian submersions, Riemannian maps in Hermitian geometry, and their applications. Elsevier.

[11] Sahin, B. (2020). Symplectosubmersions. International Journal of Maps in Mathematics-IJMM, 3(1), 3-9.

[12] Watson, B. (1976). Almost hermitian submersions. Journal of Differential Geometry, 11(1), 147-165.

[13] Yano, K., & Kon, M. Structures on manifolds, World Scientific (1984). Department of Mathematics, University of California at Riverside, Riverside CA, 92521.

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