IMA PROCEEDING'S TITLE
(ALL CAPS, "TIMES" FONT SIZE OF 11PT IS REQUIRED)

FIRST AUTHOR*, DZUNG N. NGUYEN†, AND
LAST AUTHOR (ALL CAPS, "TIMES" FONT SIZE OF 8PT IS REQUIRED)‡

Abstract. Abstract's text starts here ("Times roman" font size of 8pt is required).
Please note that in order to meet IMA specific style and layout requirements please use IMA template and IMA style files, which are in LaTeX2e typesetting.
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Key words. Text starts here ("Times roman" font size of 8pt is required).

AMS(MOS) subject classifications. Text starts here. The 2000 AMS Subject Classification Codes is available at `http://www.ams.org/index/mathweb/msc2000/index.html` ("Times roman" font size of 8pt is required).

1. Section 1's heading.

Text starts here ("Times roman" font size of 11pt is required).

$$\begin{aligned} x_1 &= \frac{1}{3}F_1(x_{1-1}, u_1) \qquad \text{for} \quad t = 1 \\ y_1 &= \frac{1}{3}F_1(y_{1-1}, v_1) \qquad \text{for} \quad t = 1. \end{aligned} \tag{1.1}$$

TABLE 1
Caption goes here ("Times small cap" font size of 8pt for the heading, Table 1 and "Times italic" font size of 8pt for the caption's text are required).

Column 1	Column 2	Column 3	Column 4
Row 1	1	− 11	1.1111
Row 2	2	− 2222	222.2200

THEOREM 1.1. *Text starts here ("Times small cap" font size of 11pt for the heading, "Theorem 1.1" and "Times italic" font size of 11pt for the text are required).*

Proof. Text starts here ("Times italic" font size of 11pt for the heading, "Proof", "Times roman" font size of 11pt for the text, and an ending box are required). □

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The work is funded by the Institute for Mathematics and its Applications (IMA).
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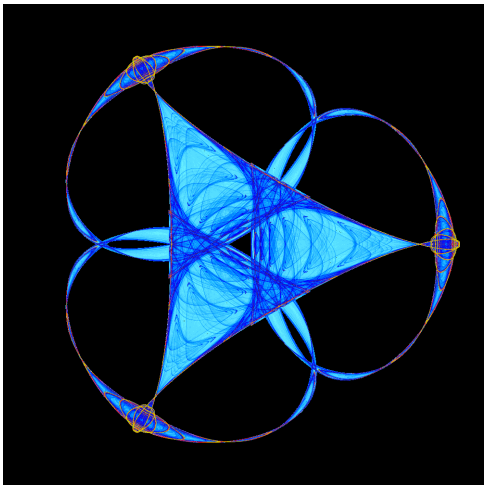

FIG. 1. *Caption goes here ("Times small cap" font size of 8pt for the heading, Figure 1 and "Times italic" font size of 8pt for the caption's text are required). All figures should be at the top of a page.*

LEMMA 1.1. *Text starts here ("Times small cap" font size of 11pt for the heading, "Lemma 1.1" and "Times italic" font size of 11pt is required).*

1.1. Subsection 1's heading. Text starts here ("Times roman" font size of 11pt).

Examples of Cross-referencing: Eq. (2.1), Fig. 1, Refs. [2, 3, 4, 5] and [1], Subsection §1.1.

An example of Footnote one which is displayed at the bottom of this page.[1]

2. Section 2's heading. Text starts here ("Times roman" font size of 11pt).

DEFINITION 2.1. *Text starts here ("Times small cap" font size of 11pt for the heading, "Definition 2.1" and "Times italic" font size of 11pt is required).*

PROPOSITION 2.1. *Text starts here ("Times small cap" font size of 11pt for the heading, "Proposition 2.1" and "Times italic" font size of 11pt is required).*

REMARK 2.1. *Text starts here ("Times small cap" font size of 11pt for the heading, "Remark 2.1" and "Times italic" font size of 11pt is required).*

[1] Footnote one's text goes here ("Times roman" font size of 8pt is required).

EXAMPLE 1. *Text starts here ("Times small cap" font size of 11pt for the heading, "Example 1" and "Times italic" font size of 11pt is required). Note that Examples are not numbered after a section whereas Theorem, Lemma, Definition, etc. are independently numbered after a section.*

$$\begin{aligned} x_2 &= F_2(x_{2-1}, u_2) \\ y_2 &= F_2(y_{2-1}, v_2) \\ z_2 &= F_3(z_{2-1}, w_3) \end{aligned} \tag{2.1}$$

2.1. Subsection 2's heading. Text starts here ("Times roman" font size of 11pt).

Acknowledgements. All acknowledgements go here ("Times roman" font size of 11pt).

APPENDIX

A. Appendix A's heading. Text starts here ("Times roman" font size of 11pt is required).

$$\begin{aligned} r_a &= F_a(r_2, p_a) \\ x_a &= F_a(x_{2-1}, u_a) \\ y_a &= F_a(y_{2-1}, v_a) \\ z_a &= F_a(z_{2-1}, w_a). \end{aligned} \tag{A.1}$$

B. Appendix B's heading. Text starts here ("Times roman" font size of 11pt).

REFERENCES

[1] AUTHOR'S NAME ("TIMES SMALL CAP" FONT SIZE OF 8PT), *Title of the article ("Times slanted" font size of 8pt)*, Journal name (or Publisher's name and place), **Volume number**(Part number): page number, year.

[2] T. TAKANAMI AND G. KITAGAWA, *Estimation of the arrival time of seismic waves by multivariate time series model*, Annals of the Institute of Statistical Mathematics, **43**(3): 407–433, 1991.

[3] ALEXANDER S.S., *A new method for determining source depth from a single regional station*, Seismic Research Letters, **67**, p. 63, 1996.

[4] W.M. TELFORD, L.P. GELDART, AND R.E. SHERIFF, *Applied Geophysics*, Second edition, Cambridge University Press, Cambridge, pp. 145–152, 1990.

[5] ———, *Distribution of residual autocorrelations in autoregressive-integrated moving average time series models*, J. Amer. Stat. Assoc., 1970.