

# Preparation of Papers for the IAENG International Journal of Computer Science

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**Abstract**—The abstract goes here. Define all symbols used in the abstract. Do not cite references in the abstract. Do not delete the blank line immediately above the abstract; it sets the footnote at the bottom of this column.

**Index Terms**—visual-servoing, tracking, biomimetic, redundancy, degrees-of-freedom.

## I. INTRODUCTION

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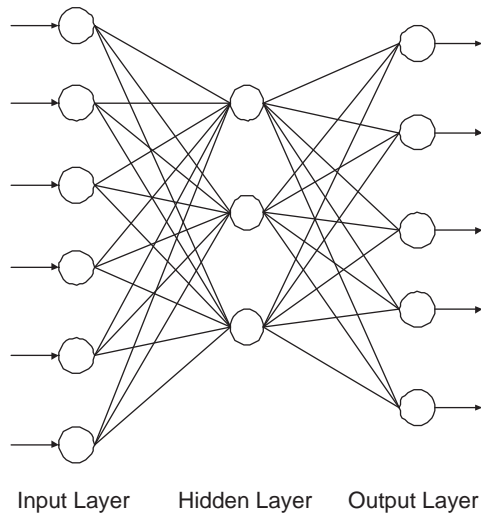


Fig. 1. A Simple Neural Network Structure

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## II. CONCLUSION

The conclusion goes here.

TABLE I  
AN EXAMPLE OF A TABLE

One	Two	Five
Two	Four	Ten

A conclusion section is not compulsory. Although a conclusion may review the main points of the paper, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions [1], [2], [3], [4], [5], [6].

## APPENDIX A PROOF OF THE FIRST ZONKLAR EQUATION

Appendix one text goes here.

## APPENDIX B

Appendix two text goes here.

## ACKNOWLEDGMENT

The authors would like to thank...

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## REFERENCES

- [1] N. Meghanathan and G. W. Skelton, "Risk notification message dissemination protocol for energy efficient broadcast in vehicular ad hoc networks," *IAENG International Journal of Computer Science*, vol. 37, no. 1, pp. 1–10, Jul. 2010.
- [2] E. H. Miller, "A note on reflector arrays (periodical style-accepted for publication)," *Engineering Letters*, submitted for publication.
- [3] J. Wang, "Fundamentals of erbium-doped fiber amplifiers arrays (periodical style-submitted for publication)," *IAENG International Journal of Applied Mathematics*, submitted for publication.
- [4] N. Sohaee and C. V. Rorst, "Bounded diameter clustering scheme for protein interaction networks," in *Lecture Notes in Engineering and Computer Science: World Congress on Engineering and Computer Science 2009*, pp. 1–7.
- [5] J. M. Merigo, "Using the probabilistic weight average in decision making with distance measures," in *Lecture Notes in Engineering and Computer Science: World Congress on Engineering 2010*, pp. 1–4.
- [6] T. Gonsalves and K. Itoh, "Multi-objective optimization for software development projects," in *Lecture Notes in Engineering and Computer Science: International Multiconference of Engineers and Computer Scientist 2010*, pp. 1–6.

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