

Neural Network solutions to Witsenhausen problem

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Abstract—In this report, several neural networks with different structures are implemented to solve Witsenhausen problem. Other improving strategies include optimizers, initializations and forced function fixing. Finally, the result are compared with former people and a better result is obtained. Also, the shortcoming of the neural network also shows in this project. The neural network may be stuck into a near local minima.

1. Introduction

This demo file is intended to serve as a “starter file” for IEEE Computer Society conference papers produced under L^AT_EX using IEEEtran.cls version 1.8b and later. I wish you the best of success.

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August 26, 2015

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2. Conclusion

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Acknowledgments

The authors would like to thank...

References

- [1] H. Kopka and P. W. Daly, *A Guide to L^AT_EX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.