



# Training Artificial Neural Network

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## Introduction

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## 1. Basic Concepts

Here introduce the paper, and put a nomenclature if necessary, in a box with the same font size as the rest of the paper. The paragraphs continue from here and are only separated by headings, subheadings, images and formulae. The section headings are arranged by numbers, bold and 10 pt. Here follows further instructions for authors.

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And an entry	1	2
And another entry	3	4
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$$X_r = \dot{Q}_{rad}'' / (\dot{Q}_{rad}'' + \dot{Q}_{conv}'')$$

$$\rho = \frac{\vec{E}}{J_c(T = \text{const.}) \cdot \left( P \cdot \left( \frac{\vec{E}}{E_c} \right)^m + (1 - P) \right)} \quad (1)$$

<sup>1</sup> Footnote text.

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#### Appendix A. An example appendix

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##### A.1. Example of a sub-heading within an appendix

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#### References

- [1] Filippini, Massimo, and Lester C. Hunt. (2011) "Energy demand and energy efficiency in the OECD countries: a stochastic demand frontier approach." *Energy Journal* **32** (2): 59–80.
- [2] Filippini, Massimo, and Lester C. Hunt. (2012) "US residential energy demand and energy efficiency: A stochastic demand frontier approach." *Energy Economics* **34** (5): 1484–1491.
- [3] Weyman-Jones, Thomas, Júlia Mendonça Boucinha, and Catarina Feteira Inácio. (2015) "Measuring electric energy efficiency in Portuguese households: a tool for energy policy." *Management of Environmental Quality: An International Journal* **26** (3): 407–422.
- [4] Saunders, Harry (2009) "Theoretical Foundations of the Rebound Effect", in Joanne Evans and Lester Hunt (eds) *International Handbook on the Economics of Energy*, Cheltenham, Edward Elgar
- [5] Sorrell, Steve (2009) "The Rebound Effect: definition and estimation", in Joanne Evans and Lester Hunt (eds) *International Handbook on the Economics of Energy*, Cheltenham, Edward Elgar

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