

Publicaciones generadas por esta tesis

Artículos en revistas internacionales

1.

L. Hontoria, J. Riesco, P. Zufiria and J. Aguilera.

Recurrent neural supervised models for generating solar radiation synthetic series.

Journal of Intelligent and Robotic Systems. **31**: 201-221. 2001

Special Issue “Intelligent Forecsating Methodologies and Industrial.

Kluwer Academic Publishers. Editor in Chief. Spyros G. Tzafestas.

Mayo 2001

2.

L. Hontoria, J. Aguilera, P. Zufiria

Generation of hourly irradiation synthetic series using the neural network multilayer perceptron

Solar Energy (en prensa)

Artículos en congresos internacionales

1.

P. J. Zufiria, A. Vázquez, J. Riesco, J. Aguilera and L. Hontoria.

A Neural Network Approach for Generating Solar Irradiation Artificial Series. Notes in Computer Science. 1607, Mira Juan V. Sánchez-Andrés (Eds.) Applications of Bio-Inspired Artificial Neural Networks.

Work-Conference on Artificial and Natural Networks, II-874-883,
IWANN'99. Junio 1.999. (Alicante-España). Springer Verlag, 1999.

2.

L. Hontoria, J. Riesco, P. Zufiria and J. Aguilera.

Improved generation of hourly solar irradiation artificial series using neural networks.
EANN99. Varsovia (Polonia). Septiembre 1.999.

3.

L. Hontoria, J. Riesco, J. Aguilera y P. Zufiria.

Generación de series sintéticas de radiación solar horarias usando redes neuronales
IX Congreso Ibérico de Energía Solar.
III Jornadas Técnicas sobre Biomasa.
Córdoba, 27 al 29 de marzo de 2000

4.

L. Hontoria, J. Riesco, J. Aguilera y P. Zufiria.

Generación de series sintéticas de radiación solar diarias usando el perceptrón multicapa. Estudio estadístico.
IX Congreso Ibérico de Energía Solar.
III Jornadas Técnicas sobre Biomasa.
Córdoba, 27 al 29 de marzo de 2000

5.

L. Hontoria, J. Riesco, J. Aguilera and P. Zufiria.

Application of neural networks in the solar irradiation field: obtainment of solar irradiation maps.

16th European Photovoltaic Solar Energy Conference and Exhibition.
1-5 Mayo de 2000. Glasgow (Reino Unido)

6.

L. Hontoria, J. Riesco, J. Aguilera and P. Zufiria.

Statistical study of daily solar irradiation data generated by the neural net Multilayer Perceptron

16th European Photovoltaic Solar Energy Conference and Exhibition

1-5 Mayo de 2000. Glasgow (Reino Unido)

7.

L. Hontoria, J. Riesco, P. Zufiria and J. Aguilera.

Universality capabilities of neural systems for generating solar radiation synthetic series

8th International Conference on Information Processing and Management of Uncertainty in Knowledge Based Systems.

IPMU 2000

3-7 Julio 2000. Madrid.

8.

L.Hontoria, P.J. Zufiria, J. Aguilera

Random component of solar irradiation synthetic series using neural networks

7th Engineering Applications of Neural Networks Conference (EANN 2001)

Cagliari (Italia) 16 a 18 de julio de 2001

9.

L. Hontoria, J. Aguilera, P. Zufiria, M. Aranda

Solar irradiation maps for Andalucía based on neural networks predictions

17th European Photovoltaic Solar Energy Conference and Exhibition

22-26 Octubre 2001 Munich (Alemania)