

CORRECTIONS TO THE PUBLICATIONS

The following errors were found in the publications included in the thesis:

1. Kolehmainen M., Martikainen H., Hiltunen T., and Ruuskanen J., Forecasting air quality parameters using hybrid neural network modelling, *Environmental Monitoring and Assessment*, 2000, 65, 277-286.

Equation (2) should be:

$$d = 1 - \frac{\sum_{i=1}^N (P_i - O_i)^2}{\sum_{i=1}^N (|P_i| + |O_i|)^2}$$

2. Kolehmainen M., Martikainen H., and Ruuskanen J., Neural networks and periodic components used in air quality forecasting, *Atmospheric Environment*, 2001, 35, 815-825.

Equation (5) should be:

$$d = 1 - \frac{\sum_{i=1}^N (P_i - O_i)^2}{\sum_{i=1}^N (|P_i| + |O_i|)^2}$$

5. Niska H., Hiltunen T., Kolehmainen M. and Ruuskanen J., Hybrid models for forecasting air pollution episodes, *International Conference on Artificial Neural Networks and Genetic Algorithms (ICANN'03)*, University Technical Institute of Roanne, 80-84, France April 23-25, 2003b.

Equation (4) should be:

$$PC = \frac{1}{N} \sum_{i=1}^N \sum_{j=1}^K u_{ij}^2$$