Tillämpning av kamerasystem för detektering utav skadegörelse vid utsatta busshållplatser och trygghetsskapande vid behovs övervakning

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Abstract

To ...

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Litteraturförteckning

[1] S. Haykin, Neural Networks and Learning Machines (Pearson Prentice Hall, 3rd edition, 2009)

[2] K.O. Stanley and R. Miikkulainen, Evolving Neural Networks through Augmenting Topologies, Evolutionary Computation **10**, 99-127 (2002)

[3] D.J. Montana and L. Davis, Training Feedforward Neural Networks Using Genetic Algorithms, In Proceedings of the International Joint Conference on Artificial Intelligence, pp. 762-767 (1989)

[4] J.W. Smith, J.E. Everhart, W.C. Dickson, W.C. Knowler and R.S. Johannes, Using the ADAP learning algorithm to forecast the onset of diabetes mellitus, In Proceedings of the Symposium on Computer Applications and Medical Care, pp. 261-265 (1988)

[5] http://neuroph.sourceforge.net/