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Computing expert's intelligence

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Stellingen

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Computing Expert's Intelligence:
A Case in Bio-medicine and A Case in Musicology

van

Andreas Neocleous

1. Datasets include observations from different sources. Information about the nature of the source is available and can be explored and used.

2. Computational systems for medical diagnosis have the advantage of accurate performance evaluation using large datasets, but at the same time they can be complicated to develop.

3. The use of machine learning techniques is one way to approach pattern recognition. The potentials are unbounded and one should consistently search for improvements or achievements of goals.

4. The study of signal processing has a significant importance for science. Many applications make use of different types of waves. Ultrasonographic screening is one example in medicine.

5. It is possible to extract knowledge that is of historical and cultural interest from the traditional music. The applications that are developed in the field of Computational Ethnomusicology gave important tools that are accurate and efficient.

6. One way to reach success is to be consistent and persistent in the case of a goal that is clearly defined. A failure is not always a sign of weakness and it can be one of the elements that build experience.