

ZMATH 2008c.00515

Lursinsap, Chidchanok

IT and mathematical modeling for machine learning.

Dhompongsa, Gullaya (ed.) et al., Proceedings of the Thailand international conference on 21st century information technology in mathematics education, ICITM 2006, Chiang Mai, Thailand, September 17–20, 2006. Chiang Mai: Chiang Mai Rajabhat University (CMRU) (ISBN 974-7793-29-6/pbk). 34-38 (2006).

Summary: This paper introduces another perspective on learning beyond the regular humans' learning. Machines have become humans' honest servants and also colleagues. The efficiency of machines does not occur by the machines themselves. It is human who makes an intelligent machine at the beginning and let the machine evolve itself through time. Types of learning, the mathematical models, and the applications of machine learning are discussed.

Classification: R40 M50

Keywords: machine learning; mathematical models