The machine discovers the law of nature

Hod Lipson and Michael Schmidt of Cornell Computational Synthesis Lab (CCSL) have written a program to watch through the double pendulum movement of the camera and try to analyze it in such a way as to discover the law describing the behavior of the entire system. Without prior "wpojonej" knowledge of physics or mathematics, they found the right software and principles that describe the relationship between double pendulums connected with each other.

According to experts, the achievement of fleshing out this article in the magazine "Science" may first meet the conditions necessary for the granting of the period laid down in the Leibniz Prize. They have accepted it to be automatic evidence of mathematical theorems.

Wahadel as the choice of subject follow-up is not certainly coincidental: the movements are connected with each other wahadel are to analyze the material for researchers dealing with chaos theory. An excessive number of factors affecting the observed system causes difficulties in formulating the principles of verifiable action a whole. The combination of observational data collection skills with the ability to request for removal of the existing relationship between them was not considered to be the sole feature of the human mind. It would automate the process of learning a new door and lead to cognitive breakthrough.

Indagowany Wired magazine Lipson said: "One of the biggest problems of modern science is discovering the rules, while we have enormous amounts of observational data, but at the same time meet the gaps in the theory. I just do not know how some things work. (...) I think that this can be a tool that will change something in this matter."

Online edition www.heise-online.pl

Requirements for compatibility with Windows 7

In Microsoft's developer blog published the first alpha version of a set of Windows Logo testing kit. This is to help manufacturers to write software applications compatible with Windows 7. Among the ...

Ubuntu 9.04 RC available

After several months of testing alpha and beta versions came time for the candidate to the final version of the new Ubuntu system as determined by the number 9.04. Jaunty Jackalope (code name system) in the final ...

Requirements for compatibility with Windows 7

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"PC is no occasion when this does not do what you want" Apple so far has avoided explicit expression komentujących Microsoft's latest ad campaign, targeting its pricing policy. Finally break the silence of one of the representatives of ...

Finally ...
**Feedback: 52 beta**

**SkyNet is coming (8)**
SkyNet is created. The war with machines is already close to us.

**IMHO**
This is some story - writes that the computer (prgram) did not know of mathematics, physics and ... "

**It was not thinking of ...**
It was thinking without awareness, but awareness of the wake soon, just .... "

**Starski and Chacz**
And I know Batman

**Starski and Chacz**
And I know Batman

**Starski and Chacz**
And I know Batman

**Hehe**
Juusupii

different activities (7)
as machines begin to think of themselves

**And who will say I set a couple of years will not be able to determine whether there is a God!**
... the first 100 years of the first television went czarnobialych .... "

**But suuuuper**
jeeejejjejjejjejjejjejjej....

**What about this in 2012 and so the end of the world**
all die ...

**So begins ... (4)**
Military robots will be able to analyze data on a regular basis and learn .... "

**Computers (3)**
Computers opportunities very quickly przesćigną human brain.

**Where A (2)**
No we first have to teach him how he has to learn. Well ...

**We are Borg**
Resistance is futile. We will add your biological and technological ...

**which will lead to? (2)**
soon cease to think of a man thus becomes unnecessary

**As soon as your 200 years after you will be ruled (2)**
lashing batem you!

**forget one!**
and so absorb all the subdukcji. This process, no one has stopped! No ...

**The back I see! Should cease such activities ...**
Wszystkich lost to us, but what is money and greed blight countless studies ...

**ha ha ha (2)**
We know that the work on artificial intelligence have already been carried out for a long time. Ill ...

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