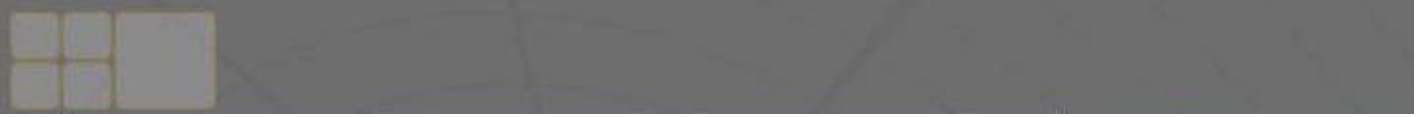


Can computers think?

by Nitin Mendiratta, December 2000

A lot of people wonder, Are these microprocessor machines ever to replace intelligent human beings? Computers already do a lot of things which need some kind of thinking, but can these electronic systems actually THINK?





Yes, perhaps, as of now, the things computers can do are superficially application of logic developed by the humans of doing things. So, this manifestation of human intelligence may not be regarded as thinking... Coz, these hardware components don't actually have any idea of what is happening.

Ancestors of computers, the calculators, were basically invented to assist calculations. Nowadays, Super computers with AI (artificial intelligence) algorithms; try to imitate the logical thinking of human brains.

Thinking leads to creativity, something which can create myriads of emotions in mind and soul. Can these computers generate that creativity in themselves? Will they be ever able to match the genius of Einstein? Can they create such wondrous theories? Can they create paintings like Picasso? Creativity requires some magical gift,

which can not be explained by logical disintegration.

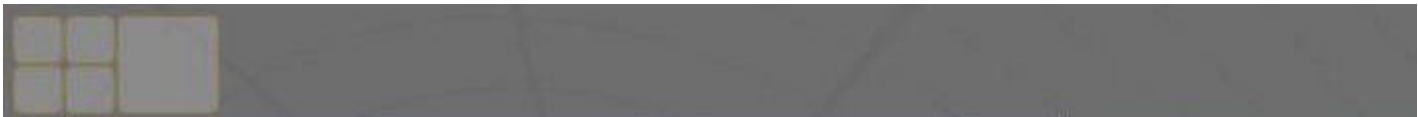
Some intelligent technocrats may argue that beauty or creativity is in the eyes of beholder. So, what may be beautiful to me may not be beautiful to you. As we all are from different works, family, cultures, so that governs my aesthetic sense.

But my dear friends, that is not how creativity works! Masterpieces of creativity, Beauty, say Taj Mahal or even Cindy Crawford is beautiful for every person breathing on this planet. Art, lives through the centuries, they never die. I don't think any machine would replace the joy of watching the master batsman Sachin Tendulkar hitting home run against the bowlers of the world.

Everyone in this world is not equal because of come combination of skills. Of course that may not be the novel idea to look at the things but creativity and thinking are skills that knit many of the skills which are highly abstract. They can never be understood.

You may try to decompose the level of abstractions, by better and better ways of your





expertise But you can spend your whole life for trying to shift a wall, but u never will succeed. Just like a small child, we human beings are learning new ways to arrange and re arrange natural wonders and are hoping that this would accidentally some day help us decipher the secret of nature.

That's why, Our ancestors made God the highly Geniuses, who are so rare. It would take many centuries to find another one. No matter how much genetic engineering we do, no lab rotary, or medical scientism will be able to nurture a cell that would replace the perfectionist - the God!

Some sequential tech code of database connection or algorithmic network theorems, saying do this, do that and wait until that happens... all these pseudo codes of modern day programming languages, do what is needed. But these intelligent programmers determine, if or whether it is needed? Even a simplest imitation of a human reaction, would take a million billion and trillion of years. Without any "illegal operations, close or shutdown windows" Yes, there have been some magnificent developments in automata theory, and they are able to cleverly solve some highly logical or word problems, But ideas, thoughts are not based on rigid definitions!

Every word meaning is depends upon the readers or listener's mind. So, how can these so called scientific things claim to create replica of William words worth? These are all castles in air. Some wishful thinking by bad psychology. The human wish of being the originator.

If a machine cant really think a situation, rather just act in a sequence of actions programmed; So, since we are progressing only from a single perspective. And this is not thinking. We can never determine if we are on right track if we do not analyze from different perspectives.

No computer could understand anything real, what a one rupee or one dollar is, it only knows the electronic circuits. So its all a foolish quest for making thinking machines.

That is why I say, these are just... Castles in Air!



Questions?
Sugesstions?
OR just want to say "Hello"!

Please, write in to me at:

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I guarantee you a reply, often on the same day! :)

