

AI cannot intervene in real time

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abstract: We do not have time to verify and we cannot go faster, the AI It has time but, like us, it cannot exceed the speed of light and, like us, it will not be able to intervene in real time on realities taking place at considerable distances such as the landing of the Curiosity space probe on Mars in 2021, with videos and data that were known with a 7-minute delay due to the distance Mars↔Earth.

some known largest Mersenne primes = $2^n_{\text{prime}} - 1 = 2 \cdot 3n + 1$

successivo	q.tà cifre A	gruppi di 5 cifre s. B	sec in 24 ore C	gg D	anni E	km F
41°	7.235.733	1.447.146,60	86.400	16	0,04	36
			primo di Mersenne che si può scrivere in gg ≠ 16 scrivendo Km ≠ 36			
42°	7.816.230	1.563.246,00	86.400	18	0,05	39
			primo di Mersenne che si può scrivere in gg ≠ 18 scrivendo Km ≠ 39			
43°	9.452.052	1.890.410,40	86.400	21	0,06	47
			primo di Mersenne che si può scrivere in gg ≠ 21 scrivendo Km ≠ 47			
44°	9.808.358	1.961.671,60	86.400	22	0,06	49
			primo di Mersenne che si può scrivere in gg ≠ 22 scrivendo Km ≠ 49			
45°	11.185.272	2.237.054,40	86.400	25	0,07	55
			primo di Mersenne che si può scrivere in gg ≠ 25 scrivendo Km ≠ 55			
46°	12.837.064	2.567.412,80	86.400	29	0,08	64
			primo di Mersenne che si può scrivere in gg ≠ 29 scrivendo Km ≠ 64			
47°	12.978.189	2.595.637,80	86.400	30	0,08	64
			primo di Mersenne che si può scrivere in gg ≠ 30 scrivendo Km ≠ 64			
48°	17.425.170	3.485.034,00	86.400	40	0,11	87
			primo di Mersenne che si può scrivere in gg ≠ 40 scrivendo Km ≠ 87			
49°	22.338.618	4.467.723,60	86.400	51	0,14	111
			primo di Mersenne che si può scrivere in gg ≠ 51 scrivendo Km ≠ 111			
50°	23.249.425	4.649.885,00	86.400	53	0,15	116
			primo di Mersenne che si può scrivere in gg ≠ 53 scrivendo Km ≠ 116			
51°	24.862.048	4.972.409,60	86.400	57	0,16	124
			primo di Mersenne che si può scrivere in gg ≠ 57 scrivendo Km ≠ 124			
52°	41.024.320	8.204.864,00	86.400	94	0,26	205
			primo di Mersenne che si può scrivere in gg ≠ 94 scrivendo Km ≠ 205			
n.simo°	100.000.000	20.000.000,00	86.400	231	0,63	500
			primo di Mersenne che si può scrivere in gg ≠ 231 scrivendo Km ≠ 500			
n.simo°	1.000.000.000	200.000.000,00	86.400	2.314	6,34	5.000
			primo di Mersenne che si può scrivere in gg ≠ 2314 scrivendo Km ≠ 5000			
n.simo°	10.000.000.000	2.000.000.000,00	86.400	23.148	63,42	50.000
			primo di Mersenne che si può scrivere in gg ≠ 23148 scrivendo Km ≠ 50000			

In terms of length, a light year is about 9,460 billion km and is equivalent to the distance that light travels in a solar year. Natural numbers are infinite and there can be numbers that even have enormous amounts of decimal places; in a distance like the solar year, we could write a number of $9,460 \cdot 10^9$ decimal places.

the number of $9,460 \cdot 10^9$ decimal digits is ≠ $2 \cdot 3n + 1$ ≠ $2^n_{\text{prime}} - 1$ ≠ Mersenne prime number and, to be written, it takes approximately 59.995 years and 47.300.000 Km;

ith new hardware, new software or new techniques, in a given number we can find all the prime numbers contained in it, we can find all the prime numbers that are the result of $2^n_{\text{prime}} - 1 = 2 \cdot 3n + 1$ and that we call Mersenne primes, we can find all the multiples of 3, the $3n$ numbers generated by the Collatz algorithm, which are the result of $2^n_{\text{pari}} - 1$, but the times to verify the results of a number with many digits are not compatible with our life cycles. Thales measured the height of the inaccessible pyramid and the distance from the port of the unreachable ship and taught us that we can measure the inaccessible and the unreachable if we can represent it; Euclid, that inaccessible and unreachable number that we will never know, does not represent it and does not measure it, but with $2n+1$, generates and demonstrates the existence of the inaccessible and unreachable prime number; in 2012 CERN, the European Organization for Nuclear Research, detected for the first time the field of the Higgs boson, the God particle that provides mass to elementary particles such as quarks, electrons, neutrinos, vector bosons W and Z; in 1905 Einstein, with $E = mc^2$, the equation that establishes the relationship between the energy and the mass of a physical system, had quantified the energy of the mass of photons that in transmissions or in a computer are the

electromagnetic signals that carry data and numbers and demonstrated that the maximum speed with which we can communicate data and process numbers is the speed of light (299,792.458 km/s). We do not have time to verify and we cannot go faster, the AI It has time but, like us, it cannot exceed the speed of light and, like us, it will not be able to intervene in real time on realities taking place at considerable distances such as the landing of the Curiosity space probe on Mars in 2021, with videos and data that were known with a 7-minute delay due to the distance Mars $\leftrightarrow$ Earth.