



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_24367
Title of the Manuscript:	AN ANALYSIS OF THE CONGRUENCE $1 \bmod 24$ AS A GENERATOR OF PRIME NUMBERS GREATER OR EQUAL TO 5.
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	“Eratosthenes recognized the primality of certain numbers”: This is not quite correct. His sieve was designed to find <i>all</i> the prime numbers gradually as long as one kept going (forever). And the sieve definitely identifies <i>_all_</i> the numbers up to a given integer <i>n</i>, not just “certain” integers. I have not corrected the English. The writer could be a speaker of Russian or of a Slavic language. S/he has characteristic difficulties with the definite and indefinite articles. Or is Spanish a possibility? The English is otherwise not all that bad. The author presents schemes to generate “all the primes.” But it may be useful to say rather “all (though not only) the primes.” Everyone has of course been looking for a system that generates all the primes and <i>just them</i>. Such a system has not been found. And the author's system is not one. Meanwhile, I realize that systems that generate all the primes, but not only them, are very interesting. But the author does not want to be caught giving the impression that he uses the English language to say something that he does not do. For example, anyone would understand the English expression “I found the shoes” as stating that I find all of them and nothing else. No one would assume that one also found the pants and the belt and the shirts. <i>Otherwise one would say so</i>. Likewise, something that “generates electricity” is understood as stating that it generates just electricity and not also chocolate or milk. I have not had as much time as I need to check all the computations. I encourage that the author check all his numbers once more before the article is published.	The sense was to indicate that not all numbers are primes, but I change to to find <i>all</i> the prime numbers gradually as long as one kept going (forever) I correct to : all (though not only) the primes. Computations is O.K.



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Minor REVISION comments		
Optional/General comments	I like the fact that the author repeats main principles. In fact, I even prefer arithmetic presentations using actual numbers as examples. But no one does this. They are afraid of seeming too simplistic. Too bad. I like evidence showing that prime numbers are very organized among themselves. In fact, I believe to have shown that the prime <i>sequence</i> itself is extremely organized, contrary to what everyone thinks. See: “The Prime Sequence: Demonstrably Highly Organized While Also Opaque and Incomputable—with Remarks on Riemann’s Hypothesis, Partition, Goldbach’s Conjecture, Euclid on Primes, Euclid’s Fifth Postulate, Wilson’s Theorem along with Lagrange’s Proof of It and Pascal’s Triangle, and Rational Human Intelligence.” <i>Advances in Pure Mathematics</i> (peer-reviewed open access journal published by Scientific Research Publishing [http://www.scirp.org/journal/apm]; doi of article: 10.4236/apm.2014.48051; published in pdf, html, epub, and hard copy), vol. 4, no. 8: 400–466. In fact, I also believe to have shown that understanding this high form of organization is not possible. I am not really a mathematician. But I need some of it to try to find out what the human brain can do and what it cannot do. I recently laid the foundations of my theory of rational human intelligence in my just published (Open Access) book <i>Prolegomena to the Complete Physical and Mathematical Theory of Rational Human Intelligence in Boolean, Lagrangian, and Maxwellian Mode</i> (also available in I would still suggest that someone who is a real mathematician with access to computer programs does some doublechecking. The primes remain one of the most intriguing aspects of rational human intelligence. As always, any and all that I say can be quoted.	