# THE FIRST OCCURRENCE OF LARGE GAPS BETWEEN SUCCESSIVE PRIMES 

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#### Abstract

A table of the first occurrence of a string of $2 r-1$ composite numbers between two primes is given for $r=158(1) 267,269,270,273,275,276,281,282,291,294$ and 301 . All such strings between primes less than $2.6 \times 10^{12}$ have been accounted for. The computation supports some conjectures on the distribution of these strings.


## Comments

Only the Abstract is given here. The full paper appeared as [1] and an extension to $4.444 \times 10^{12}$ appeared as [2].

## References

[1] R. P. Brent, "The first occurrence of large gaps between successive primes", Mathematics of Computation 27 (1973), 959-963. MR 48\#8360, Zbl 269.10002. rpb019
[2] R. P. Brent, "The first occurrence of certain large prime gaps", Mathematics of Computation 35 (1980), 1435-1436. MR 81g:10002, Zbl 443.10003. rpb057

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