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Schiffman, Jay L.

Variations in Euclid $[n]$: The product of the first n primes plus one.

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Summary: We undertake an examination encompassing variations on the product of the first n primes plus one utilized in Euclid's classical proof that there are infinitely many primes. In this article, we seek to secure prime outputs from these generalizations and determine if we achieve a rich source for twin prime pairs.

Classification: F60

Keywords: primes; Euclid's proof; twin prime pairs; product of the first n primes