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*New Viète-Like Infinite Products of Nested Radicals with Fibonacci and  
Lucas Numbers*,  
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**Abstract**

In a 2007 contribution by Osler in this Quarterly, the so-named Vieta-like products were introduced as two eye-catching formulas representing either the  $n$ th Fibonacci number in terms of a product of nested radicals with the  $n$ th Lucas number inside, or vice-versa. As the original and famous Viète's infinite product, Osler's infinite products have plus signs inside the nested radicals. In this paper we explore infinite products of nested square roots with Fibonacci and Lucas numbers with the novelty that inside the radical symbols there are minus signs instead of plus signs.