**On The Prime Equatons:**



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**Abstract:** Using Jiang function we prove that there exist infinitely many primes  such that each  is a prime.

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**Theorem**

 （1）

There exist infinitely many primes  such that each of  is a prime.

**Proof**. We have Jiang function[1]

, （2）

where ,

 is the number of solutions of congruence

 （3）

.

From (3) we have , , , ,  otherwise.

From (3) and (2) we have

. （4）

We prove that there exist infinitely many primes  such that  is a prime.

We have the best asymptotic formula [1]

, （5）

where .

**Note：**

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