2, 3, 5, 7, 11, 13, ...

Fundamental Accurage of Avillanctic

prime that is unique module the everyoment of the feeting: N=p.p. ... . Pr for primas Any network number nell has a factorization into Pi, Pr, ..., pr. . Chronical fectorization: n= pi pr... Pr

pf. Let new, n22. If n is prims, dinc: n=p. mighancis: support that M. M. T. M. T. M. M. M. Y. Y. its smaller divisor. Keep Soirt: \* n= P. P. ... . Pr. If n is compusite, then n has a prime, Pi, as

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This would fire I: 11 for some i, a contradiction. By complim, P is affecte & must have prime divisive. プロ 子… サナー・

Carollery: A Cot Pro to the Not prome. Then To 5 2. Mr. (Bertry (chayter) It 722, The is a print マイント として、

1. Via induction live: 252 / III: N.52 for som 5.