

ON PRIME NUMBERS VI

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$$\ln \left(\prod_{n=1}^{\infty} \left(\frac{e}{\left(1 + \frac{1}{P_n}\right)^{P_n}} \right) \right) + \frac{1}{e} \left(\prod_{n=1}^{\infty} \left(\frac{e}{\left(1 + \frac{1}{P_n}\right)^{P_n}} \right) \right) = e$$