umu

$$P(M_{N} > V | M_{N} > 0) = e^{-V^{2}/2}$$

$$= \lim_{n \to \infty} \frac{(u + v/u)^{N-1}}{(u + v/u)^{N-1}} \frac{\exp(-(u + v/u)^{2}/2)}{\exp(-u^{2}/2)}$$