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[illegible][illegible]

Pub. Ref.	Year	Material	Notes
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90	2060	1000	1000

ϵ	$\frac{1}{\epsilon} =$	$\Gamma_{\text{d.f.}}(0.04)$	$\Gamma_{\text{d.f.}}(0.05)$	$\Gamma_{\text{d.f.}}(0.06)$
1	1	0.9999	0.9999	0.9999
2	0.5	0.9999	0.9999	0.9999
6	0.1667	0.9999	0.9999	0.9999
7	0.1429	0.9999	0.9999	0.9999

[illegible]

1. Proof by Induction $\frac{d}{dx} \ln(x) = \frac{1}{x}$ $\frac{d}{dx} \ln(x^2) = \frac{1}{x^2} \cdot 2x = \frac{2}{x}$
 Assume $\frac{d}{dx} \ln(x^n) = \frac{n}{x}$ for $n = 1, 2, \dots, k$.
 For $n = k+1$, $\frac{d}{dx} \ln(x^{k+1}) = \frac{1}{x^{k+1}} \cdot (k+1)x^k = \frac{k+1}{x}$.
 Therefore, $\frac{d}{dx} \ln(x^n) = \frac{n}{x}$ for all $n \in \mathbb{N}$.

[illegible]