$t[u_1,\ldots,u_n] = \sum_{k=1}^n \binom{n-1}{k-1} (1-t)^{n-k} t^{k-1} u_k.$

 $\Phi(u) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{u} e^{-t^2/2} dt$

 $\Phi(u) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{u} e^{-t^2/2} dt,$

with upright π , e and d. I dislike the look of dt when the slope of t is too

A formula from the LATEX Companion, 2nd Edition, p.390:

The ISO would prefer that a formula like

be typeset instead as

great.