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

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

The ISO would prefer that a formula like

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

be typeset instead as

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

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