$$\int_{du} {}^{u}\!\not e^{n} = {}^{u}\!\not e^{n} u - n \int_{du} {}^{u}\!\not e^{n-1}$$

$$\int_{du} {}^{u}\!\not e = {}^{u}\!\not e\, u - \int_{du} 1 = {}^{u}\!\not e\, u - u = u\underbrace{{}^{u}\!\not e - 1}$$

$$\int_{du} {}^{u}\!\not e^{2} = {}^{u}\!\not e^{2} u - 2\int_{du} {}^{u}\!\not e = {}^{u}\!\not e^{2} u - 2\underbrace{{}^{u}\!\not e\, u - u} = u\left({}^{u}\!\not e^{2} - 2\,{}^{u}\!\not e + 2\right)$$

$$\int_{du}^{0|1} {}^{u}\!\not e^{2} = \underbrace{{}^{u}\!\not e^{2} u - 2\,{}^{u}\!\not e\, u + 2u}_{u=1} - \underbrace{{}^{u}\!\not e^{2} u - 2\,{}^{u}\!\not e\, u + 2u}_{u=0} = 2 - \underbrace{{}^{u}\!\not e^{2} u - 2\,{}^{u}\!\not e\, u}_{u=0} = 2$$

$$u^{m}\,{}^{u}\!\not e \underset{u \rightsquigarrow 0}{\rightsquigarrow} 0$$

$$u^{m}\,{}^{u}\!\not e^{n} = \frac{{}^{1/y}\!\not e^{n}}{y^{m}} = (\overset{n}{-1})\frac{{}^{y}\!\not e^{n}}{y^{m}} \underset{y \rightsquigarrow \infty}{\rightsquigarrow} 0$$

$$\int_{du} {}^{u}\!\not e^{n}\, u^{m} = \frac{{}^{u}\!\not e^{n} u^{m+1}}{m+1} - \frac{n}{m+1}\int_{du} {}^{u}\!\not e^{n-1}\, u^{m}$$

$$\int_{du} \frac{{}^{u}\!\not e^{n}}{u} \underset{y={}^{u}\!\not e}{=} \int_{dy} y^{n}$$

$$u\,{}^{u}\!\not e \lceil \frac{1}{2} u^{2}\,{}^{u}\!\not e - \frac{1}{4} u^{2}$$

$$u^{3}\,{}^{2u}\!\not e \lceil \frac{1}{4} u^{4}\,{}^{2u}\!\not e - \frac{1}{16} u^{4}$$

$$\frac{{}^{u}\!\not e}{\sqrt{u}} \lceil 2\sqrt{u}\left({}^{u}\!\not e - 2\right)$$

$$\sqrt{u}\,{}^{u}\!\not e \lceil \frac{2}{3}\left({}^{u}\!\not e - \frac{2}{3}\right) u^{3/2}$$

$${}^{u}\!\not e^{2}$$

$${}^{4u-1}\not{e} \lceil \left(u - \frac{1}{4}\right){}^{4u-1}\not{e} - u$$

$$u^{2u+5}\not{e} \lceil \left(\frac{1}{2}u^2 - \frac{25}{8}\right){}^{2u+5}\not{e} - \frac{1}{4}u^2 + \frac{5}{4}u$$

$$u^2\,{}^{u}\not{e} \lceil \frac{1}{3}u^3\,{}^{u}\not{e} - \frac{1}{9}u^3$$

$$u\,{}^{u}\not{e}^2$$

$$u^2\,{}^{u+2}\not{e} \lceil \frac{1}{3}\left(u^3+1\right){}^{u+1}\not{e} - \frac{1}{18}u\left(2u^2-3u+6\right)$$

$$\frac{{}^{{}^{u}\not{e}}\not{e}}{u} \lceil \left({}^{{}^{u}\not{e}}\not{e} - 1\right){}^{u}\not{e}$$

$${}^{3u+7}\not{e}\lceil\left(u+\frac{7}{3}\right){}^{3u+7}\not{e} - u$$

$$u^3\,{}^{3u^2+1}\not{e}\lceil\frac{1}{4}\left(u^4-\frac{1}{9}\right){}^{3u^2+1}\not{e} - \frac{1}{8}u^4 + \frac{1}{12}u^2$$

$$6\frac{{}^{u}\not{e}^5}{u}\lceil {}^{u}\not{e}^6$$

$$\frac{1}{u\,{}^{u}\not{e}}\lceil {}^{{}^{u}\not{e}}\not{e}$$

$$\frac{1}{u\,{}^{u}\not{e}\,{}^{{}^{u}\not{e}}\not{e}}\lceil {}^{{}^{{}^{u}\not{e}}\not{e}}\not{e}$$

$$\frac{{}^{u}\not{e}^2}{u^2}\lceil -\frac{{}^{u}\not{e}^2}{u} - 2\frac{{}^{u}\not{e}}{u} - 2\,u^{-1}$$

$${}^{u^2+1}\not{e}\lceil u\,{}^{u^2+1}\not{e} - 2u + 2\,{}^{u}\not{e}$$

$${}^{u}\not{e}^3\lceil u\,{}^{u}\not{e}^3 - 3u\,{}^{u}\not{e}^2 + 6u\,{}^{u}\not{e} - 6u$$

$$u^2\,{}^{u+1}\not{e}$$

$$\frac{{}^{u}\not{e}^3}{u^2}$$

$${}^{u+\sqrt{u^2+1}}\not{e}\lceil u\,{}^{u+\sqrt{u^2+1}}\not{e} - \sqrt{u^2+1}$$

$$u\,{}^{u+\sqrt{u^2+1}}\not{e}\lceil\left(u^2+\frac{1}{2}\right){}^{u+\sqrt{u^2+1}}\not{e} - \frac{1}{2}u\sqrt{u^2+1}$$

$$ {}^{u}\cancel{\mathfrak{e}}\,\mathfrak{s} $$

$$ {}^{u}\mathfrak{c}\ {}^{u}\mathfrak{g}\,\cancel{\mathfrak{e}} $$

$$ {}^{u}\cancel{\mathfrak{e}}\ u^{8} $$

$$ \int_{du}^{1|e} e^{{}^{u}\cancel{\mathfrak{e}}\,u}\,\underbrace{1 + {}^{u}\cancel{\mathfrak{e}}} $$

$$ {}^{u}\cancel{\mathfrak{e}}\,\mathfrak{t}\,u^{-1} \underset{u\,=\,{}^{u}\cancel{\mathfrak{e}}}{=} \int_{du} {}^{u}\mathfrak{t} = \int_{du} {}^{u}\mathfrak{s}\ {}^{u}\mathfrak{c}^{-1} \underset{v\,=\,{}^{u}\mathfrak{c}}{=} -\int_{dv} v^{-1} \models -\,{}^{v}\cancel{\mathfrak{e}} = -\,{}^{{}^{u}\mathfrak{c}}\cancel{\mathfrak{e}} = -\,{}^{{}^{u}\cancel{\mathfrak{e}}\,\mathfrak{c}}\cancel{\mathfrak{e}} $$

$$ \int_{du}^{1|\infty} \frac{1}{u\sqrt{{}^{u}\cancel{\mathfrak{e}}}} : \quad \int_{du}^{1|\infty} \frac{1}{u\,{}^{u}\cancel{\mathfrak{e}}} = +\infty : \quad \int_{du}^{1|\infty} \frac{{}^{u}\cancel{\mathfrak{e}}}{u} : \quad \int_{du}^{2|\infty} \frac{1}{u\,{}^{u}\cancel{\mathfrak{e}}^{2}} = \frac{1}{{}^{2}\cancel{\mathfrak{e}}} $$