$$\int\limits_{dt} \frac{{}^{t}\mathfrak{s} \mid {}^{t}\mathfrak{h}}{{}^{t}\mathfrak{c} \mid {}^{t}\mathfrak{a}} = \frac{-{}^{t}\mathfrak{c} \mid {}^{t}\mathfrak{a}}{{}^{t}\mathfrak{s} \mid {}^{t}\mathfrak{h}}$$

$$\int {}^{t}\mathfrak{s} \lceil - {}^{t}\mathfrak{c} \colon \quad \int {}^{t}\mathfrak{c} \lceil {}^{t}\mathfrak{s}$$

inner subst

$$8\, {}^{8t}\mathfrak{s} \lceil - {}^{8t}\mathfrak{c} \colon \quad 7\, {}^{7t}\mathfrak{c} \lceil {}^{7t}\mathfrak{s}$$

$$2\, {}^{2t+5}\mathfrak{s} \lceil - {}^{2t+5}\mathfrak{c}$$

$$\int\limits_{dt}^{0 \mid \sqrt{\pi}} t^2 + \pi \mathfrak{s}\, t \underset{u = t^2 + \pi}{=} \frac{1}{2} \int\limits_{du}^{\pi \downarrow} {}^{u}\mathfrak{s} = -\frac{1}{2}\, {}^{\pi \downarrow}_{\pi}\mathfrak{c} \lceil -1$$

$$t\, {}^{t^2}\mathfrak{c} \underset{u = t^2}{=} \int\limits_{du} {}^{u}\mathfrak{c} = {}^{u}\mathfrak{s}/2 = {}^{t^2}\mathfrak{s}/2$$

$$6t\, {}^{3t^2-1}\mathfrak{s} \lceil - {}^{3t^2-1}\mathfrak{c} \colon \quad 6t\, {}^{3t^2-1}\mathfrak{c} \lceil {}^{3t^2-1}\mathfrak{s}$$

outer subst

$${}^{t}\mathfrak{s}\ {}^{t}\mathfrak{c}^{-1/2} \lceil - \left(u = {}^{t}\mathfrak{c}\right) - \int\limits_{du} u^{-1/2} = -\frac{u^{\,1/2}}{1/2} \lceil -2\, {}^{t}\mathfrak{c}^{\,1/2}$$

$$2\, {}^{t}\mathfrak{s}\ {}^{t}\mathfrak{c} \lceil {}^{t}\mathfrak{s}^2 \colon \quad 3\, {}^{t}\mathfrak{s}\ {}^{t}\mathfrak{c}^2 \lceil - {}^{t}\mathfrak{c}^3 \colon \quad 7\, {}^{t}\mathfrak{s}^6\ {}^{t}\mathfrak{c} \lceil {}^{t}\mathfrak{s}^7$$

$$\frac{{}^{t}\mathfrak{s}}{1 + {}^{t}\mathfrak{c}} \lceil - {}^{1 + {}^{t}\mathfrak{c}}\mathfrak{o} \colon \quad \frac{{}^{t}\mathfrak{s}}{{}^{t}\mathfrak{c}^{4/3}}\, {}^{t}\lceil_{\mathfrak{c}}^{-1/3} \colon \quad \frac{{}^{t}\mathfrak{c}}{\sqrt{1 + {}^{t}\mathfrak{s}^2}} \lceil {}^{{}^{t}\mathfrak{s} + \sqrt{1 + {}^{t}\mathfrak{s}^2}}\mathfrak{o}$$

$$8 \frac{{}^{t}\mathfrak{t}^7}{{}^{t}\mathfrak{c}^2} \lceil {}^{t}\mathfrak{t}^8$$

power part int

$$t^2\, {}^{t}\mathfrak{s} \colon \quad t\, {}^{t}\mathfrak{c} \colon \quad t\, {}^{t}\mathfrak{c} \lceil {}^{t}\mathfrak{c} + t\, {}^{t}\mathfrak{s} \colon \quad t\, {}^{3t}\mathfrak{s} \lceil \frac{1}{9}\, {}^{3t}\mathfrak{s} - \frac{1}{3} t\, {}^{3t}\mathfrak{c}$$

$$(t+1)\, {}^{t+2}\mathfrak{s} \lceil {}^{t+2}\mathfrak{s} - (t+1)\, {}^{t+2}\mathfrak{c}$$

$$t^2\, {}^{t}\mathfrak{s} \lceil \left(2 - t^2\right)\, {}^{t}\mathfrak{c} + 2t\, {}^{t}\mathfrak{s}$$

$$t^3\, {}^{2t}\mathfrak{c} \lceil \left(\frac{1}{2} t^3 - \frac{3}{4} t\right)\, {}^{2t}\mathfrak{s} + \left(\frac{3}{4} t^2 - \frac{3}{8}\right)\, {}^{2t}\mathfrak{c}$$

$$t^{5} \, {}^{4t}\mathfrak{c} \left[\left(\frac{1}{4} t^{5} - \frac{5}{16} t^{3} + \frac{15}{128} t \right) \, {}^{4t}\mathfrak{s} + \left(\frac{5}{16} t^{4} - \frac{15}{64} t^{2} + \frac{15}{512} \right) \, {}^{4t}\mathfrak{c} \right.$$

$$\int_{dx}^{\pi/4 | \pi/2} x \csc^{2} x$$

exp part int

$$ {}^{t}\mathfrak{e} \, {}^{t}\mathfrak{s} \left[\frac{1}{2} \, {}^{t}\mathfrak{e} \, \left({}^{t}\mathfrak{s} - {}^{t}\mathfrak{c} \right) \right.$$

$$ {}^{t}\mathfrak{e} \, {}^{t}\mathfrak{c} \left[\frac{1}{2} \, {}^{t}\mathfrak{e} \, \left({}^{t}\mathfrak{s} + {}^{t}\mathfrak{c} \right) \right.$$

$$13 \, {}^{2t}\mathfrak{e} \, {}^{3t}\mathfrak{s} \left[{}^{2t}\mathfrak{e} \, \left(2^{3t}\mathfrak{s} - 3^{3t}\mathfrak{c} \right) \right.$$

$$10 \, {}^{3t}\mathfrak{e} \, {}^{t}\mathfrak{c} \left[{}^{3t}\mathfrak{e} \, \left({}^{t}\mathfrak{s} + 3^{t}\mathfrak{c} \right) \right.$$

$$34 \, {}^{3t}\mathfrak{e} \, {}^{5t}\mathfrak{s} \left[{}^{3t}\mathfrak{e} \, \left(3^{5t}\mathfrak{s} - 5^{5t}\mathfrak{c} \right) \right.$$