

FORMULA 3.194.7

$$\int_0^\infty \frac{x^m dx}{(v+ux)^{n+1/2}} = \frac{m!n!(2n-2m-2)!}{(n-m-1)!(2n)!} \frac{2^{2m+2} v^{m-n+1/2}}{u^{m+1}}$$