

FORMULA 3.224

$$\int_0^\infty \frac{(x+b)x^{\mu-1} dx}{(x+c)(x+a)} = \frac{\pi}{\sin \pi\mu} \left(\frac{c-b}{c-a} c^{\mu-1} + \frac{a-b}{a-c} a^{\mu-1} \right)$$