FORMULA 3.827.1

$$\int_0^\infty \frac{\sin^3 ax}{x^\nu}\,dx = \frac{3-3^{\nu-1}}{4}a^{\nu-1}\cos\frac{\nu\pi}{2}\Gamma(1-\nu)$$

should be written as

$$\int_0^\infty \frac{\sin^3 x}{x^\nu}\,dx = \frac{3-3^{\nu-1}}{4}\Gamma(1-\nu)\cos\frac{\pi\nu}{2}$$