FORMULA 3.691.1

$$\int_0^\infty \sin(ax^2)\,dx = \int_0^\infty \cos(ax^2)\,dx = \frac{1}{2}\sqrt{\frac{\pi}{2a}}$$

should be written as

$$\int_0^\infty \sin(x^2)\,dx = \int_0^\infty \cos(x^2)\,dx = \frac{1}{2}\sqrt{\frac{\pi}{2}}$$