## Erratum

Kopacz, P. 2012. On geometric properties of spherical conics and generalization of $\pi$ in navigation and mapping, Geodesy and Cartography 38(4): 141-151. DOI:10.3846/20296991.2012.756995.

In the original version of the article 'On geometric properties of spherical conics and generalization of $\pi$ in navigation and mapping' by Piotr Kopacz, first published on $21^{\text {st }}$ December 2012, the mistakes were introduced to formula 12 (online) and formula 17 (print).

Formula 12 wrongly appeared as:
Substituting $A C=d$ and $A S=C S=l$ and recalling the length of the conical circle (10) the value of function $\tilde{\pi}: \mathbb{R}^{2} \rightarrow \mathbb{R}$ equals:

$$
\begin{equation*}
\pi(, \beta)=\frac{L(l,)}{d(l,)}=\frac{\pi-\beta}{\sqrt{2(1 \cos -)}} \tag{12}
\end{equation*}
$$

It should have appeared as:
Substituting $A C=d$ and $A S=C S=l$ and recalling the length of the conical circle (10) the value of function $\tilde{\pi}: \mathbb{R}^{2} \rightarrow \mathbb{R}$ equals:

$$
\begin{equation*}
\tilde{\pi}(l, \beta)=\frac{L(l, \beta)}{d(l, \beta)}=\frac{2 \pi-\beta}{\sqrt{2\left(1+\cos \frac{\beta}{2}\right)}} \tag{12}
\end{equation*}
$$

Formula 17 wrongly appeared as:

$$
\begin{equation*}
\varepsilon(x)=\left|\frac{\tilde{\pi}(x)-\pi}{\tilde{\pi}(x)}\right| 100 \% \xrightarrow{r=\frac{\pi}{2}-x}(r)=\left|1-\frac{r}{\sin r}\right| 100 \% \tag{17}
\end{equation*}
$$

It should have appeared as:

$$
\begin{equation*}
\varepsilon(x)=\left|\frac{\tilde{\pi}(x)-\pi}{\tilde{\pi}(x)}\right| 100 \% \xrightarrow{r=\frac{\pi}{2}-x} \varepsilon(r)=\left|1-\frac{r}{\sin r}\right| 100 \% . \tag{17}
\end{equation*}
$$

We apologise to the author for these errors.

A corrected version can now be found at T\&F Online, DOI:10.3846/20296991.2012.756995.

