

Corrigendum to “Implementation of an open platform for 3D spatial information based on WebGL”

Ahyun Lee | Insung Jang

Implementation of an open platform for 3D spatial information based on WebGL

<https://doi.org/10.4218/etrij.2018-0352>

ETRI Journal, Volume 41, Issue 3, June 2019, pp. 277–288.

Page 279: The text reads “We also describe the unique 3D data format for the Oracle BI publisher resource tracking file (XDO) for 3D structural models.”. This text should have read “We also describe the unique 3D data format XDO for 3D structural models.”

Page 279: Equation 4 reads as follows:

$$a \tan 2(y,x) = \begin{cases} \tan^{-1}\left(\frac{y}{x}\right), & \text{if } x > 0, \\ \tan^{-1}\left(\frac{y}{x}\right) + \pi, & \text{if } x > 0 \text{ and } y \geq 0, \\ \tan^{-1}\left(\frac{y}{x}\right) - \pi, & \text{if } x < 0 \text{ and } y < 0, \\ +\frac{\pi}{2}, & \text{if } x = 0 \text{ and } y > 0, \\ -\frac{\pi}{2}, & \text{if } x = 0 \text{ and } y < 0, \\ \text{undefined}, & \text{if } x = 0 \text{ and } y = 0. \end{cases}$$

This equation should read as follows:

$$a \tan 2(y,x) = \begin{cases} \tan^{-1}\left(\frac{y}{x}\right), & \text{if } x > 0, \\ \tan^{-1}\left(\frac{y}{x}\right) + \pi, & \text{if } x < 0 \text{ and } y \geq 0, \\ \tan^{-1}\left(\frac{y}{x}\right) - \pi, & \text{if } x < 0 \text{ and } y < 0, \\ +\frac{\pi}{2}, & \text{if } x = 0 \text{ and } y > 0, \\ -\frac{\pi}{2}, & \text{if } x = 0 \text{ and } y < 0, \\ \text{undefined}, & \text{if } x = 0 \text{ and } y = 0. \end{cases}$$

Page 280: The caption for Figure 4 reads “Coordinate systems: (A) Oracle BI publisher resource tracking file (XDO) and (B) WebGL.” The caption should read “Coordinate systems: (A) XDO and (B) WebGL.”

The author apologizes for these errors.