



Correction to: Consequences of Accidents

Correction to: Chapter 10 in: U. Hauptmanns, *Process and Plant Safety*, https://doi.org/10.1007/978-3-662-61484-6_10

The original version of the book was inadvertently published with incorrect information in chapter 10, Eq. 10.134, Page: 511; the corrected Equation is given below:

$$\begin{aligned} \pi F_v = & \frac{a \cdot \cos \theta}{b - a \cdot \sin \theta} \cdot \frac{a^2 + (b + 1)^2 - 2b(1 + a \cdot \sin \theta)}{\sqrt{AB}} \cdot \arctan \left(\sqrt{\frac{A}{B}} \sqrt{\frac{b-1}{b+1}} \right) \\ & + \frac{\cos \theta}{\sqrt{C}} \cdot \left[\arctan \left(\frac{ab - (b^2 - 1) \sin \theta}{\sqrt{b^2 - 1} \sqrt{C}} \right) + \arctan \left(\frac{(b^2 - 1) \sin \theta}{\sqrt{b^2 - 1} \sqrt{C}} \right) \right] \\ & - \frac{a \cdot \cos \theta}{b - a \cdot \sin \theta} \cdot \arctan \left(\sqrt{\frac{b-1}{b+1}} \right) \end{aligned} \tag{10.134}$$

The updated version of this chapter can be found at https://doi.org/10.1007/978-3-662-61484-6_10