

June 2020

These errata are for “1D Transport Using Neural Nets,  $S_N$ , and MC”. There is a long paper, a short paper, and slides.

long paper	<a href="http://mike.pozulp.com/2019nnPaperLong.pdf">http://mike.pozulp.com/2019nnPaperLong.pdf</a>
short paper	<a href="http://mike.pozulp.com/2019nnPaper.pdf">http://mike.pozulp.com/2019nnPaper.pdf</a>
slides	<a href="http://mike.pozulp.com/2019nnSlides.pdf">http://mike.pozulp.com/2019nnSlides.pdf</a>

The short paper was published in the proceedings of M&C 2019, Portland OR, August 25-29, 2019.

- Equations (18) and (77) in the long paper, Equation (18) in the short paper, and the equation on slide 23 and slide 24 should not have  $\Sigma_a$  in the final quotient. The correct equation is

$$\begin{aligned}\phi(z) = & \frac{Q_0}{\Sigma_a} - \frac{Q_0}{2\Sigma_a} \left( e^{-\Sigma_a z} + e^{-\Sigma_a (H-z)} \right) \\ & + \frac{Q_0}{2} \left( z E_1(\Sigma_a z) + (H-z) E_1(\Sigma_a (H-z)) \right)\end{aligned}\tag{1}$$