

# Correspondence

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## Correction to "Ultimate Capacity of a Laser Diode in Transporting Multichannel M-QAM Signals"

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In the above paper,<sup>1</sup> (6) was not properly corrected. In the first and third lines of (6), both square roots should have been extended to include "2π" and is now correctly shown in the following:

$$b_n = \begin{cases} -\frac{1}{2} \operatorname{erfc}\left(\frac{1}{\sqrt{2}\sigma}\right) + \frac{\sigma}{\sqrt{2\pi}} e^{-\frac{1}{2\sigma^2}} & n = 0 \\ \frac{\sigma}{2} \operatorname{erfc}\left(-\frac{1}{\sqrt{2}\sigma}\right) & n = 1 \\ \frac{\sigma}{\sqrt{2\pi}} H_{n-2}\left(-\frac{1}{\sigma}\right) e^{-\frac{1}{2\sigma^2}} & n \geq 2. \end{cases} \quad (6)$$

<sup>1</sup>P.-Y. Chiang and W. I. Way, *J. Lightwave Technol.*, vol. 15, pp. 1914–1924, Oct. 1997.