



Erratum

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Erratum to: Physics and applications of quantum dot lasers for silicon photonics

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After the publication of this article, the authors found out a simple error and hereby correct them as delineated below.

(1) The former tells us that depending on the value of the coefficient X , the optical feedback induced frequency shift can exhibit two different behaviors: in the low feedback regime ($X < 1$), Eq. (19) has only one solution whereas for $X > 1$, Eq. (19) has more than one solution due to the increase of external cavity modes (ECM), in a number increasing with X hence increasing the modal competition and laser instabilities.

This description is incorrect and thereby should be replaced by a correct description as follows

The former tells us that depending on the value of the coefficient X , the optical feedback induced frequency shift can exhibit two different behaviors: in the low feedback regime ($X < 1$), Eq. (19) has only one solution whereas for $X > 1$, Eq. (19) has more than one solution due to the increase of external cavity modes (ECM), in a number increasing with X hence increasing the modal competition and laser instabilities.

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