ERRATA/CORRIGENDA

Due to some technical reasons, the paper “Engineering universal quantum logic gates in electromagnetic field modes” by *Farhan Saif, Rameez ul Islam, and Mazhar Javed* [Vol. 28, No. 5, pp. 529–534 (2007)] was published as initially submitted by the authors without incorporating the corrections indicated by the authors in the galley proofs. The editors of the journal are sorry about this.

Several mistakes should be corrected, namely,

- In Sec. 3 (p. 530), the first equation should read as follows:

$$|q_1\rangle \otimes |q_2\rangle \xrightarrow{u_{\text{cnot}}} |q_1\rangle \otimes |q_1 \oplus q_2\rangle, \quad (1)$$

where $\oplus$ indicates addition modulus 2.

- The fourth line of the penultimate paragraph of Sec. 3 (p. 532) should read
“... thus it completes one Rabi oscillation in time $2\pi/\Omega_A = \pi/\sqrt{2}\mu_1$.”
- The third line of the last paragraph of Sec. 3 (p. 532) should read
“Hence, the atom completes one Rabi oscillation in the field for the interaction time $\pi/\sqrt{2}\mu_2$...”