

**Erratum: Modulation of superlattice band structure via  $\delta$  doping**  
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We would like to correct two errors appearing in our previous work.

1. On p. 6267, in Eq. (1), the numerator  $\sin(k_2b)$  in front of the square bracket of the second line of Eq. (1) had been misprinted as  $\sin(k_1w)$ . The results in the figures have been obtained using this correct expression.

2. Equation (3) is found to be incomplete. The complete expression should include the terms proportional to the product of  $P$  and  $Q$  as:

$$\begin{aligned} \cos(ka) = & \text{rhs of Eq. (1)} + \left( \frac{m_2^* P}{\hbar^2 k_2} \right) \left\{ \cos k_1 w \sin k_2 b + \frac{\sin k_1 w}{(k_1/m_1^*)(k_2/m_2^*)} \left[ \left( \frac{k_2}{m_2^*} \right)^2 \cos \left[ k_2 \frac{(b+2s)}{2} \right] \cos \left[ k_2 \frac{(b-2s)}{2} \right] \right. \right. \\ & \left. \left. - \left( \frac{k_1}{m_1^*} \right)^2 \sin \left[ k_2 \frac{(b+2s)}{2} \right] \sin \left[ k_2 \frac{(b-2s)}{2} \right] \right] \right\} + 2 \left( \frac{m_1^* Q}{\hbar^2 k_1} \right) \left( \frac{m_2^* P}{\hbar^2 k_2} \right) \\ & \times \left\{ \left( \frac{m_2^* k_1}{m_1^* k_2} \right) \sin \left[ k_2 \frac{(b+2s)}{2} \right] \sin \left[ k_2 \frac{(b-2s)}{2} \right] \cos \left[ k_1 \frac{(w+2r)}{2} \right] \cos \left[ k_1 \frac{(w-2r)}{2} \right] \right. \\ & + \left( \frac{m_1^* k_2}{m_2^* k_1} \right) \cos \left[ k_2 \frac{(b+2s)}{2} \right] \cos \left[ k_2 \frac{(b-2s)}{2} \right] \sin \left[ k_1 \frac{(w+2r)}{2} \right] \sin \left[ k_1 \frac{(w-2r)}{2} \right] \\ & + \sin \left[ k_2 \frac{(b+2s)}{2} \right] \cos \left[ k_2 \frac{(b-2s)}{2} \right] \sin \left[ k_1 \frac{(w+2r)}{2} \right] \cos \left[ k_1 \frac{(w-2r)}{2} \right] \\ & \left. + \cos \left[ k_2 \frac{(b+2s)}{2} \right] \sin \left[ k_2 \frac{(b-2s)}{2} \right] \cos \left[ k_1 \frac{(w+2r)}{2} \right] \sin \left[ k_1 \frac{(w-2r)}{2} \right] \right\}. \end{aligned}$$

However, these corrections in no way affect the discussion or conclusion of the work since Eq. (3) had been given as a supplementary material.

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