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Corrigendum: nanoSQUID operation using kinetic rather than magnetic induction

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The authors neglected to cite previous studies related to the use of current injection as a viable means to control SQUIDs. These additional references are listed below as references 1, 2 and 3 and should appear in the Introduction section as below.

"Current injection has been demonstrated before as a viable means to control SQUIDs[12–14] dominated by geometric inductance. These directly-coupled SQUIDs used a large pickup loop to convert an applied magnetic field into a current bias which was injected a smaller, more sensitive readout SQUID. Although the readout SQUIDs in these devices were smaller than the pickup loops, they still used large geometric inductors to route the injected current".

should read:

"Current injection has been demonstrated before as a viable means to control SQUIDs[1–3,12–14] dominated either by geometric or kinetic inductances. Several of these implementations used a large pickup loop to convert an applied magnetic field into a current bias which was injected into a smaller, more sensitive readout SQUID".

In addition, the authors would like to alert readers to a similar result published prior to final acceptance of this paper. This is listed below as reference 4.

References

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3. J. Johansson, K. Cedergren, T. Bauch & F. Lombardi. Properties of inductance and magnetic penetration depth in (103)-oriented YBa2 Cu3 O7-δ thin films. *Phys. Rev. B* **79,** 1–6 (2009).
4. M. Arzeo, R. Arpaia, R. Baghdadi, F. Lombardi & T. Bauch. Toward ultra high magnetic field sensitivity YBa2Cu3O7−δ nanowire based superconducting quantum interference devices. *J. Appl. Phys*. **119,** 174501 (2016).