Erratum: *Ab Initio* Prediction of Conduction Band Spin Splitting in Zinc Blende Semiconductors [Phys. Rev. Lett. 96, 086405 (2006)]

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In a recent Letter [1], we improperly attributed the experimental determination of the sign of spin splitting parameter γ in InSb to Ref. [2]. Even though the technique used in Ref. [2] can determine the sign, the result depends on the choice of cation and anion positions in the unit cell, as well as the sign of the magnetic field. Neither of these was determined in Ref. [2]. The experiment was repeated in Ref. [3] on a sample where the orientation of the Sb-In bond was determined by etching, and the magnetic field direction was monitored. To our knowledge, this is the first and only time the sign of γ has been experimentally determined in any semiconductor.

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