

Microscopic Origin of Cholesteric Pitch: Erratum
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The graphic in Fig. 1 was incorrect. In particular, the molecule on the left should have looked like the molecule on the right. The correct Fig. 1 with a modified caption is shown below.

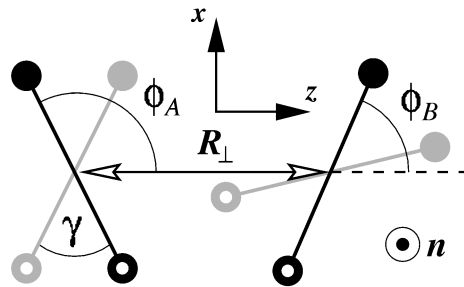


FIG. 1. Schematic representation of two chiral molecules. The atoms are represented by both the filled and unfilled circles, while the lines serve only as a guide to the eye. Each line on each molecule lies in an xz plane parallel to the page. The arms and atoms in the plane at $y = L/2$ are black and those in the plane at $y = -L/2$ are grey. The angle γ between the projection of the two arms onto the same xz plane determines the degree of chirality. As examples, we consider two versions of this molecule. In the first, all atoms are identical, while in the second, the atoms with a hollow center carry a negative charge and those with a filled center carry a positive charge. In the nematic phase, the molecules spin freely about the nematic axis normal to the page so that $\langle \sin \phi_X \rangle = \langle \cos \phi_X \rangle = 0$. There are, however, orientational correlations between ϕ_A and ϕ_B .