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COMMENT

HELICAL TEXTURES IN $^3\text{He-A}$ IN SUPERFLOW AND MAGNETIC FIELD

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1. — Outside the broken line in figure 1, the stability of helical textures with $\beta \simeq \pi/2$ and $\theta \simeq \pi/2$ has been tested and we find that these helical textures are unstable.

2. — In the calculation of the NMR frequency, some errors are involved. A proper treatment of spin fluctuations yields two longitudinal modes with resonance frequencies

$$(\omega_1)_{1,2} = (\lambda_1 \Omega_A^2 + \frac{1}{4} \omega_0^2)^{1/2} \pm \frac{1}{2} \omega_0$$

and two transverse modes

$$(\omega_t)_{1,2} = \{ (\lambda_1 + (\frac{1}{2} \pm 1) k^2) \Omega_A^2 + \frac{1}{4} \omega_0^2 \}^{1/2} \pm \frac{1}{2} \omega_0$$

where λ_1 has already been given in the letter and ω_0 is the Larmor frequency. The above results should replace the incorrect statement on the NMR frequencies in the letter. Only in the limit $\omega_0, k \rightarrow 0$, do we recover our earlier result. The details of the derivation will be published elsewhere.

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