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Dynamics of wavepacket of magnetostatic spin wave in magnet
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semiclassical equation of motion of a wave packet of the magnetostatic spin wave
is theoretically constructed. There appears the Berry curvature as an anomalous
velocity term in the equation of motion, which causes characteristic orbital motions
of the wave packet such as a self-rotational motion and a motion along the edge of
the system. Due to the symmetry, the Berry curvature in the case of a thin film of
an insulating ferromagnet appears when the magnetization is perpendicular to the
film. We show a numerical calculation of the Berry curvature for this mode, i.e.,
the magnetostatic forward volume wave mode. Around the degeneracy point, the
Berry curvature from the highest energy band enhances and that from other bands
decreases. We also propose experimental settings to observe this effect.

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