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	abstract	It is shown that incompressible spin quantum Hall magnetohydrodynamics allows an exact solution for the propagation of a circularly polarized electromagnetic wave. The solution is obtained assuming a condition between the fluid velocity and the magnetic field which eliminates the nonlinear terms in Maxwell equations. As a result of the coupling with spin, the propagation mode depends on the amplitude of the magnetic field. From the full solution, the limits of small and large wavenumber are studied obtaining linear and a nonlinear spin-modified modes.	**abstract**	It is shown that incompressible spin quantum Hall magnetohydrodynamics allows an exact solution for the propagation of a circularly polarized electromagnetic wave. The solution is obtained assuming a condition between the fluid velocity and the magnetic field which eliminates the nonlinear terms in Maxwell equations. As a result of the coupling with spin, the propagation mode depends on the amplitude of the magnetic field. From the full solution, the limits of small and large wavenumber are studied obtaining linear and a nonlinear spin-modified modes.		
	versions		**versions**			