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vs. Faraday rotation,  
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such parity violating  
gravitational waves  
have been discussed  
for instance in relation  
to pseu-doscalar (or  
axion) inflation models  
with the gravitational  
topological coupling  
 $\phi R_{\mu\nu\alpha\beta} \tilde{R}^{\mu\nu\alpha\beta}$  [11-15]

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or gauge topological  
coupling  $\phi F_{\mu\nu} \tilde{F}^{\mu\nu}$   
[16-18] and its non-  
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of chiral fermions [23,  
24], the helical  
magnetic field [25] due  
to the ...

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manipulating  
electromagnetic waves  
began at the end of the  
19th century. Some of  
the earliest structures  
that may be  
considered

metamaterials were  
studied by Jagadish  
Chandra Bose, who in  
1898 researched  
substances with chiral  
properties. Karl  
Ferdinand Lindman  
studied wave  
interaction with  
metallic helices as



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artificial chiral media in  
the early ...

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characteristics of  
electromagnetic  
waves? 1. radio 2.  
microwaves 3. infrared  
4. visible light 5. ultra  
violet 6. x-ray 7.  
gamma. ... Which of  
the following objects is  
chiral: a wood screw.  
Verified answer.

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the changes (if any) in potential energy and in kinetic energy among the the molecules when gaseous  $\text{PCl}_3$  ...

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direction of the oscillation is perpendicular to the direction of motion of the wave. A simple example of a polarized transverse wave is vibrations traveling along a taut string (see image); for example, in a musical instrument ...

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making it difficult to  
measure it. The SHG  
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nanoparticles  
developed by the  
research team was  
measured to be up to  
10 times ...

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scattering phases can  
also prove useful for  
the study of chiral

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The electromagnetic simulations of the modes, coupling strengths, and detunings can be found in the materials and methods , section 1.

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electromagnetic field  
One can describe the  
interaction between  
the spin textures and  
the conduction  
electrons in terms of  
the EEMF expressed by  
the spin directions.

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Electromagnetic-wave generation process in a spintronic THz emitter.

An ultrashort laser pulse triggers a spin-current injection from the in-plane magnetized ferromagnetic metal (FM) into the normal metal (NM). ... H. Chen, X. J. Wu, S. Y. Shan et al., " Generation and manipulation of chiral

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of ultrashort  
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pulses**

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spin currents in  
magnetic multilayers  
Zhongqiang Hu, Liang  
Fu, and Luqiao Liu  
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of surface  
isotropic  
electromagnetic waves  
in dispersive interfaces  
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