

the reasons were for using only grayscale images, the lack of color, in my opinion, represents a wasted opportunity to make the book more appealing.

Another point of criticism is that the book contains a fair number of typographical and factual errors, such as in the names of researchers and in identifying their institutions or nationalities. One name is repeatedly given incorrectly: University of Glasgow astrophysicist Peter Sweet, of the famous Sweet–Parker reconnection model, is consistently called Paul Sweet. In another example, the three-dimensional model of magnetic reconnection that is attributed to Eric Priest and Terry Forbes in a figure and in the text is actually not their model; although the figure is on the cover of their book *Magnetic Reconnection: MHD Theory and Applications* (Cambridge University Press, 2000), it is taken from a simulation by Klaus Galsgaard and Åke Nordlund of the University of Copenhagen.

Also, Zirker discusses some recent research developments in a way that is debatable. For example, in chapter 5, Zirker discusses only resonant absorption as a means of how the energy of Alfvén waves could be dissipated and contribute to heating the solar corona; other possible mechanisms, such as

phase mixing, are not mentioned at all. However, I can understand that Zirker had to make choices regarding what to include and what to leave out, given that the book is intended for the general public and is not a scientific review or textbook.

Despite those complaints, I thoroughly enjoyed reading the book and would recommend it to anyone interested in learning about the importance of magnetic fields in the universe.

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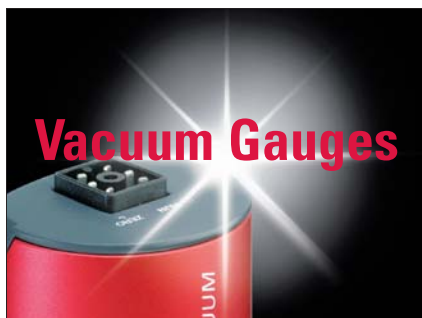
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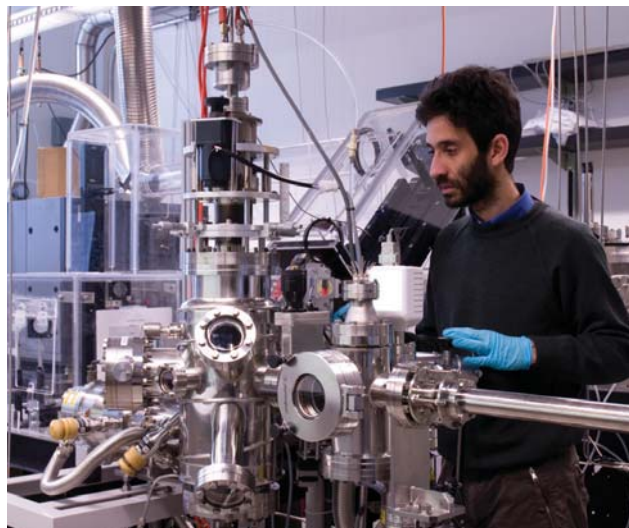
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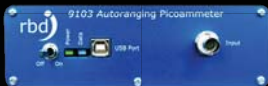
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