

Questions About the Sun: Answered!



Questions About the Sun: QATS by Robert Macfarlane

★★★★★ 5 out of 5

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What is the Sun?

The Sun is a star, a giant ball of hot plasma that emits light and heat. It is the center of our solar system and makes up 99.8% of the mass of the solar system.

How big is the Sun?

The Sun is very large. It has a diameter of 1.4 million kilometers (870,000 miles), which is about 109 times the diameter of Earth.

What is the Sun made of?

The Sun is mostly made of hydrogen and helium. Hydrogen makes up about 73% of the Sun's mass, and helium makes up about 25%. The remaining 2% of the Sun's mass is made up of other elements, including oxygen, carbon, neon, and iron.

How does the Sun produce energy?

The Sun produces energy through a process called nuclear fusion. In nuclear fusion, two atoms are combined to form a single atom, releasing a great amount of energy.

What is the Sun's surface temperature?

The Sun's surface temperature is about 5,500 degrees Celsius (9,940 degrees Fahrenheit). The Sun's core is much hotter, reaching temperatures of about 27 million degrees Celsius (48 million degrees Fahrenheit).

What is the Sun's corona?

The Sun's corona is the outermost layer of the Sun's atmosphere. It is made up of very hot, ionized gas. The corona is visible during a solar eclipse.

What is the Sun's magnetic field?

The Sun has a very strong magnetic field. This magnetic field is responsible for the Sun's sunspots, which are dark areas on the Sun's surface.

How does the Sun affect Earth?

The Sun has a significant impact on Earth. The Sun's light and heat make life on Earth possible. The Sun's magnetic field also protects Earth from harmful radiation from space.

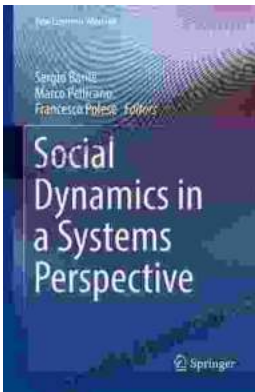
This article provides answers to some of the most common questions about the Sun. If you have any other questions about the Sun, please feel free to contact us.

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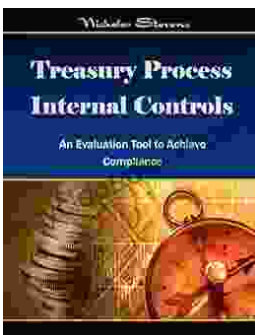


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