

The Ability Of Chat GPT To Find The Answers To Questions On Numbers In Astronomy.

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AST -110 Course Project

Methods

The student will ask the ChatGPT a question on “ NUmber in Astronomy”. The Program will send an answer to the question. And students will check if the response matches the textbook information. Example In 2015, the richest human being on our planet had a net worth of \$79.2 billion. Some might say this is an astronomical sum of money.

Express this amount in scientific notation.
Textbook answer :“\$79.2 billion can be written as \$79,200,000,000. Expressed in scientific notation it becomes 7.92×10^{10} .

Chatgpt’s response expresses “\$79.2 billion in scientific notation, we first need to convert it to a number in scientific notation. We do this by moving the decimal point to the left until there is only one digit to the left of the decimal point, and multiplying by a power of 10 which represents the number of places we moved the decimal point.

$$\$79.2 \text{ billion} = \$79,200,000,000$$

Moving the decimal point 10 places to the left gives us:

$$\$7.92 \times 10^{10}$$

Therefore, the net worth of the wealthiest human being on our planet in 2015 in scientific notation is $\$7.92 \times 10^{10}$.”

Discussion

Students explore ChatGPT by asking questions about the program . The program gives answers. ChatGPT can prove the accurate answer to match the textbook answers. Totally 10 questions was ask and 10 response was accurate .

Conclusions

I conclude that the answer given by Chatgpt is accurate .

References

<https://chat.openai.com>

Introduction

Chat GPT is an artificial intelligence (AI)program that is trained to process and analyze vast amounts of information, making it a successful tool for finding answers to questions related to astronomy. The ChatGPT program understands complex problems and provides relevant information.The number-related questions on the astronomy Chat GPT can quickly pride data and calculations on various astronomical objects.

Purpose

This project will discover if ChatGPT will find answers to questions on “ numbers in Astronomy”. I will explore if the answers given by the AI programs are textbook accurate.