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AP EN 3193
Professor Julia Creet
Tuesday, March 23, 2020

Statement of Authorial Intent:

Evidence for astrological charts: quantum mechanics and the movement of the stars

This statement of authorial intent is separated into two sections: the first explains the scientific context and the formatting context of the satire (satire of content, satire of form); the second contains the paper itself with annotations from me, the author. These annotations will help break down the humour, the targets, and methods used.

I. The Scientific and Formatting Context

i. The real science

If you need me to prove to you that astrology is a total hoax, then you should keep reading this section. If you know your stuff, great! Skip to section I.ii.

Many religions and cultures grew from observations of the night sky. The vestiges of this lies in astrology, a term which implies the *knowledge* (-logy, from the Latin *logos*) of *celestial bodies* (astro-, from the Latin *astra*). Generally speaking, astrology is the belief that the position of the celestial bodies (mostly planets and stars) in our night sky affects human-centered events on Earth. There are two main branches of astrology: Western and Eastern. Western astrology considers the positions of planets to the twelve constellations as *not* arbitrary (as science would suggest). Some conclusions that can come from such spatial relationships are: E.g. their positions at your birth affects your personality, etc.

These predictions are so random or follow un-scientific principles, so forgive me if I present a table of un-scientific predictions (table 1). Use for your own amusement.

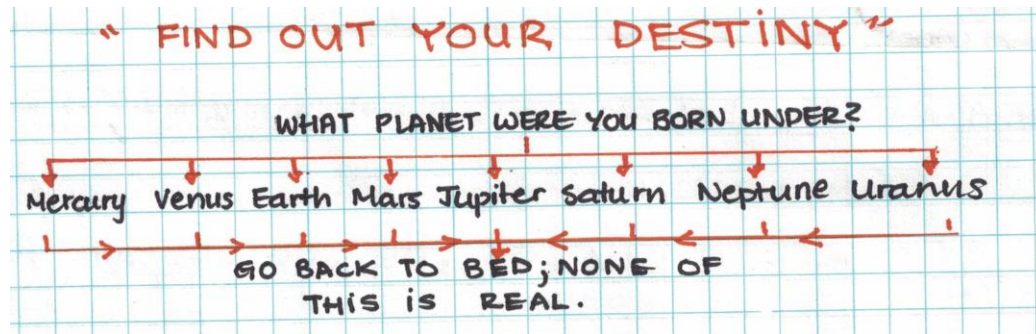


Table 1.

Let's test the main claim of astrology: that the position of celestial bodies affect us: but how? If astrology is real, we should be able to detect it with our instruments, collect data, and categorize it. Let's give it the benefit of doubt.

Take the four fundamental forces that these planets could exhibit on us: strong nuclear force, weak nuclear force, electromagnetic force, and gravity. Could any of these things affect a personality? Nope.

ii. The real formatting

In order to *mimic* the *form* of credible, peer-reviewed articles, I studied the AASTeX v6.3 guide, which is widely used as the standard for publishing in the American Astronomical Society Journal. This formatting style, like APA or MLA, guides academics in how their paper should look. It is specific to a program called LaTeX, which is like Microsoft Word: it is the word-processing application that helps researchers format, print, and publish papers.

Some of the AASTeX guidelines that I followed were:

- Using the `\begin{abstract}` and `\end{abstract}` command instead of the `\section{abstract}`
- Including authors in the correct format (using *et al.* first)
- Putting keywords *after* the `\end{abstract}` command

II. Annotations

a. The paper

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Typeset using L^AT_EX default style in AASTeX63

using a legitimately scientific term will further back the ethos of the content

Using such a consistent, industry-wide formatting style makes this paper's form legitimate, and makes it more difficult for the reader to question the content of the paper (ethos).

Evidence for astrological charts: quantum mechanics and the movement of the stars*

This is similar to Gulliver's Travels taking on the form of a travelogue.

DR. FASO DOH-EL,^{1,2} DR. BIDES IF-EL,^{1,2} AND DR. FARINA COBTI^{3,†}

¹Leiden University

²ASS Journals Associate Researcher

³TeXnology Inc.

Anagrams of 'falsehood', 'disbelief', and 'fabrication', respectively.

ABSTRACT

The rise of astrological charts and horoscopes in mainstream newspapers and magazines is a statement of its relevance to an informed lifestyle. Indeed, though there are those who question the legitimacy of astrology, there is plenty of sound scientific evidence proving the contrary. The word itself is the first piece of evidence to the field's legitimacy: *astro-* meaning space, and *-logy* meaning knowledge and scientific fact. In this paper, we show that mathematical factors prove the validity of this field of scientific study and show you how you can use it to benefit your own personal life.

while the points I make here are true, it does not prove the legitimacy of the field itself. Slippery slope fallacy.

German for "silly- illogical" method.

Keywords: quantum mechanics, astrology, star charts, proof, Lustif-Unlogisch method.

1. INTRODUCTION

Phonetic alphabet or 'B.S.'

We present results from the Bravo-Sierra Observations of quantum mechanics in SHIT (Super Huge Interferometric Telescope) survey. Using the simple correlation = causation mathematical proof, we reach the conclusion that quantum mechanics actually proves the legitimacy of astrology.

ironically, the SHIT was a real project proposed by G. Rudhick et al.

2. A=B; FEYNMAN'S THEORY

There are no sources or references for this fact, which again is a massive pointer to this papers lack of credibility

Richard Feynman, in his lectures, described one of the basic tenets of quantum mechanics. Particles hop from place to place with a particular probability, and the probability that a particular particle is at someplace is given by a this equation:

$$P(x[a, b]) = \int_a^b |(x)|^2 dx$$

This equation, is legitimate! And so is the explanation I gave for it, above.

Therefore, a particle can be in two places at once. Using the corollary a=b, where 'a' is the fact that a particle can exist in two places at once:

$$a = b$$

Feynman's theory = a particle can exist in both our bodies and in the planets under which we were born

3. B=C; PARTICLES IN TWO PLACES AT ONCE

We know that a=b is true, so we move onto b=c. Recall that 'b' states that a particle can exist in two places at once.

$$b = c$$

particle in two places at once = what happens to the particle in place 1 happens to the particle in place 2, at the same time

* Released on March 17, 2020

† AASTeX v6+ programmer

4. C=D, FORCES AFFECT PARTICLES IN TWO PLACES AT ONCE

Therefore, consider a particle existing in both place 1 and place 2. If a fundamental force (such as chakra, fortune, or karma) acts on this particle in space 1, it can affect the particle in the same way in space 2.

Take an example. A person named Alice was born under the planet Saturn. An astrological particle therefore exists simultaneously both in Alice's aura and in Saturn. Thus, any force acting on that particle in Saturn will also act on Alice.

5. CONCLUSION

In other words, the logic of quantum mechanics' basic property proves that astrology's fundamental assumptions work. By starting with the basic fact Feynman equation, and using $a=b=c=d$, we can conclude that particles are able to exist in two areas of space at once. This allows for that same particle to be affected by the same force in two places, and thus for a person to have a particle that is also in their birth planet or constellation. Any force that affects that particle in the planet or constellation, therefore, affects the person as well.

a grammatical mistake makes this paper even more illegitimate!

ACKNOWLEDGMENTS

astrologists would prob. say things like that!

We thank our lucky stars and constellations for the people at Astrology United International who helped us in our research for this paper. This includes Deepak Chopra and Gwyneth Paltrow, who have helped to spread alternative science and pseudoscience. We are deeply grateful for your support.

Software: ASStroylogy

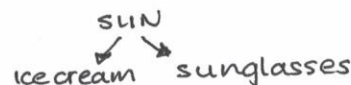
→ The reader of this satire, assuming they aren't idiots, would be in on the "joke" - satire assumes its audience understands the context.

→ A lack of a 'References' section is perhaps the most obvious pointer to the fact that this paper is NOT SCIENTIFIC.

EXPLAINING WHY CORRELATION = CAUSATION IS WRONG:



But does the sale of ice cream directly cause the sale of sunglasses? No, because they are both caused by a third factor: sun.



i.e. ice cream \neq sunglasses
 \propto
 not proportional

- b. The code (Wow, this looks so scientific and legitimate, it couldn't be fake, right? I'm including the code here, not because I think you understand this code, but it just makes the paper look so *proper*). Link the online version:

<https://www.overleaf.com/read/qkvmszjqpxhc>

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2
3 \documentclass{aastex63}
4
5 \shorttitle{Astrology and Quantum mechanics}
6 \shortauthors{Dr. Faso Doh-EI et al.}
7
8 \begin{document}
9
10 %-----
11 \title{Evidence for astrological charts: \quantum mechanics and the movement of the
12 stars \footnote{Released on March 17, 2020}}
13
14 \author{Dr. Faso Doh-EI}
15 \author{Dr. Bides If-EI}
16 \affiliation{Leiden University}
17 \affiliation{ASS Journals Associate Researcher}
18 \author{Dr. Farina Cobti}
19 \altaffiliation{AASTeX v6+ programmer}
20 \affiliation{TeXnology Inc.}
21 %-----
22
23 \begin{abstract}
24
25 The rise of astrological charts and horoscopes in mainstream newspapers and magazines
26 is a statement of its relevance to an informed lifestyle. Indeed, though there are
27 those who question the legitimacy of astrology, there is plenty of sound scientific
28 evidence proving the contrary. The word itself is the first piece of evidence to the
29 field's legitimacy: \textit{astro-} meaning space, and \textit{-logy} meaning knowledge
30 and scientific fact. In this paper, we show that mathematical factors prove the
31 validity of this field of scientific study and show you how you can use it to benefit
32 your own personal life.
33
34 \end{abstract}
35
36 \keywords{quantum mechanics, astrology, star charts, proof, Lustif-Unlogisch method.}
37
38 \section{Introduction} \label{sec:style}
39 We present results from the Bravo-Sierra Observations of
40 quantum mechanics in SHIT (Super Huge Interferometric Telescope) survey. Using the
41 simple correlation = causation mathematical proof, we reach the conclusion that quantum
42 mechanics actually proves the legitimacy of astrology.
43
44 \section{A=8; Feynman's theory} \label{sec:displaymath}
45 Richard Feynman, in his lectures, described one of the basic tenets of quantum
46 mechanics. Particles hop from place to place with a particular probability, and the
47 probability that a particular particle is at someplace is given by a this equation:
48 \begin{center}

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38 \begin{center}
39 
$$SP(x \in [a,b]) = \int_a^b |\psi(x)|^2 dx$$

40 \end{center}
41 \newline
42 Therefore, a particle can be in two places at once.
43
44 Using the corollary  $a=b$ , where 'a' is the fact that a particle can exist in two places
45 at once:
46 \begin{center}
47 a = b
48 \newline
49
50  $\therefore$  Feynman's theory = a particle can exist in both our bodies and in the planets
51 under which we were born
52 \end{center}
53 \section{B=C; Particles in two places at once} \label{sec:highlight}
54
55 We know that  $a=b$  is true, so we move onto  $b=c$ . Recall that 'b' states that a particle
56 can exist in two places at once.
57 \begin{center}
58 b = c
59 \newline
60
61 particle in two places at once = what happens to the particle in place 1 happens to
62 the particle in place 2, at the same time
63 \end{center}
64
65 \section{C=D, forces affect particles in two places at once} \label{sec:cite}
66 Therefore, consider a particle existing in both place 1 and place 2. If a fundamental
67 force (such as chakra, fortune, or karma) acts on this particle in space 1, it can
68 affect the particle in the same way in space 2.
69
70 Take an example. A person named Alice was born under the planet Saturn. A astrological
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72
73 \acknowledgments
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    International who helped us in our research for this paper. This includes Deepak Chopra
    and Gwyneth Paltrow, who have helped to spread alternative science and pseudoscience.
    We are deeply grateful for your support.
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76
77 \vspace{5mm}
78
79
80 \software{ASStrology}
81
82
83
84 \end{document}

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