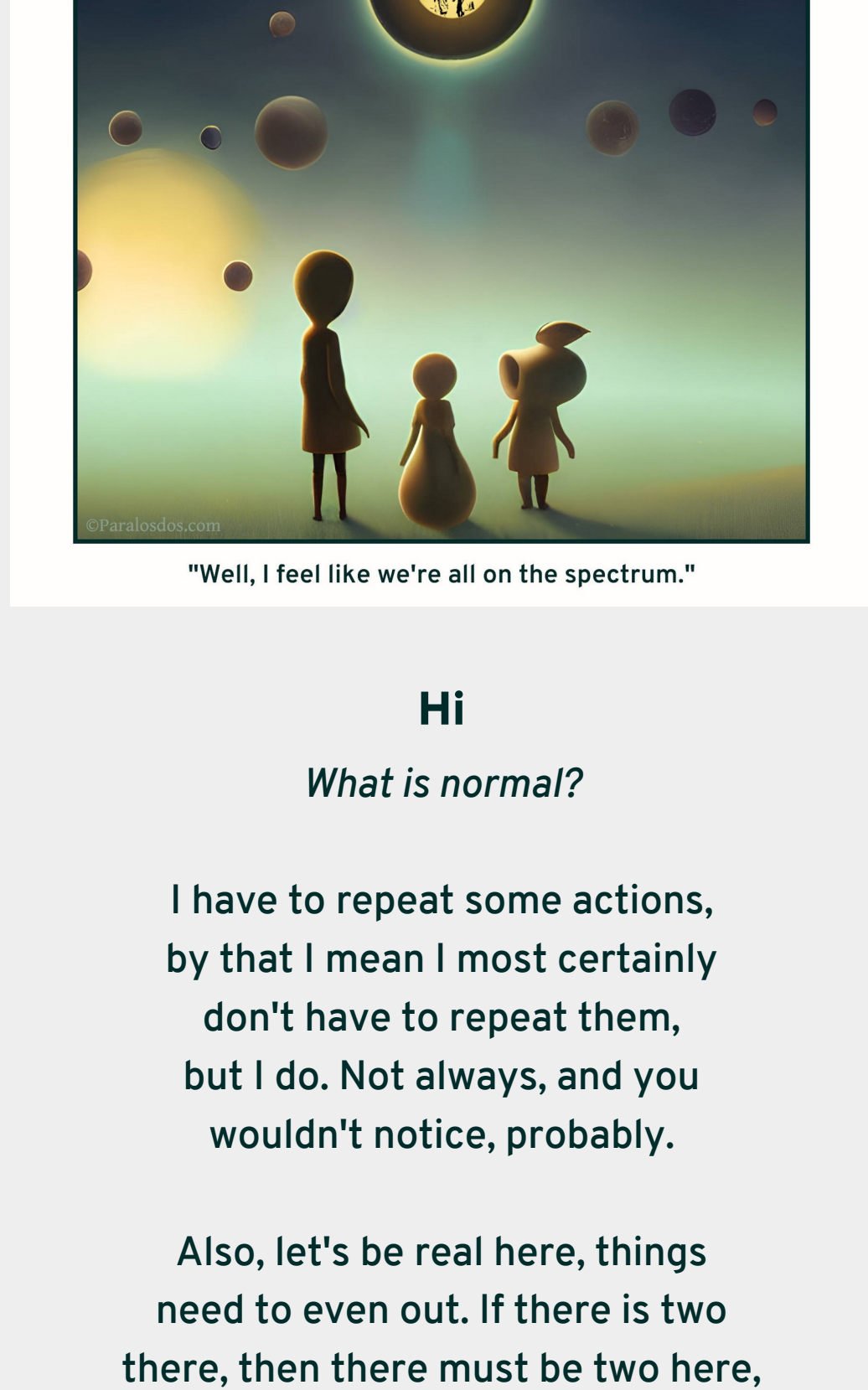


Change Happens

Have a great day,
find your way



"Well, I feel like we're all on the spectrum."

Hi

What is normal?

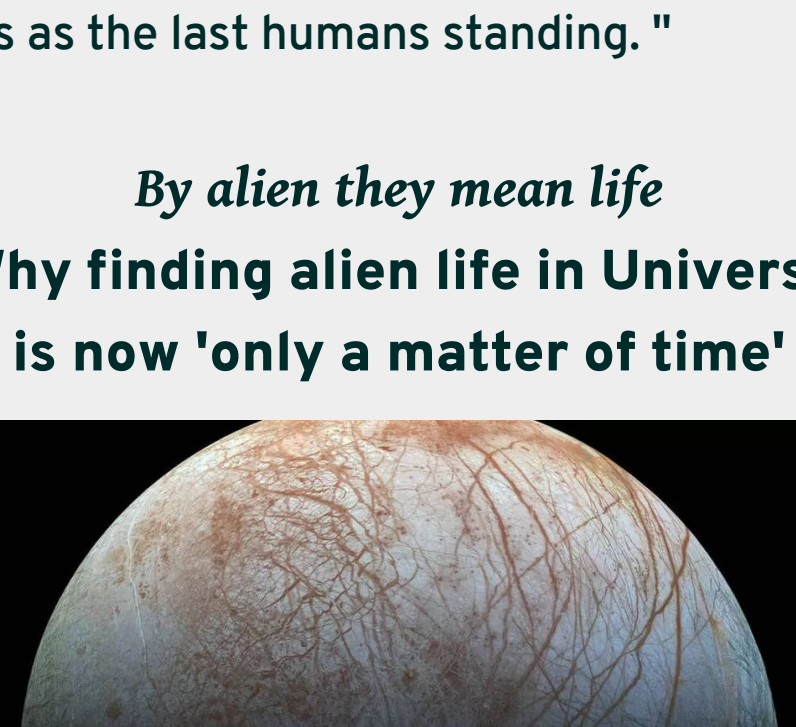
I have to repeat some actions,
by that I mean I most certainly
don't have to repeat them,
but I do. Not always, and you
wouldn't notice, probably.

Also, let's be real here, things
need to even out. If there is two
there, then there must be two here,
you understand. And, sometimes,
a thing that is touched with the left
must be touched with the right.

So, I am careful casting about
with my uninformed conclusions.
And I'm certain that it is not
imperative to define normal.

The upright family tree

We carry DNA from extinct cousins like Neanderthals



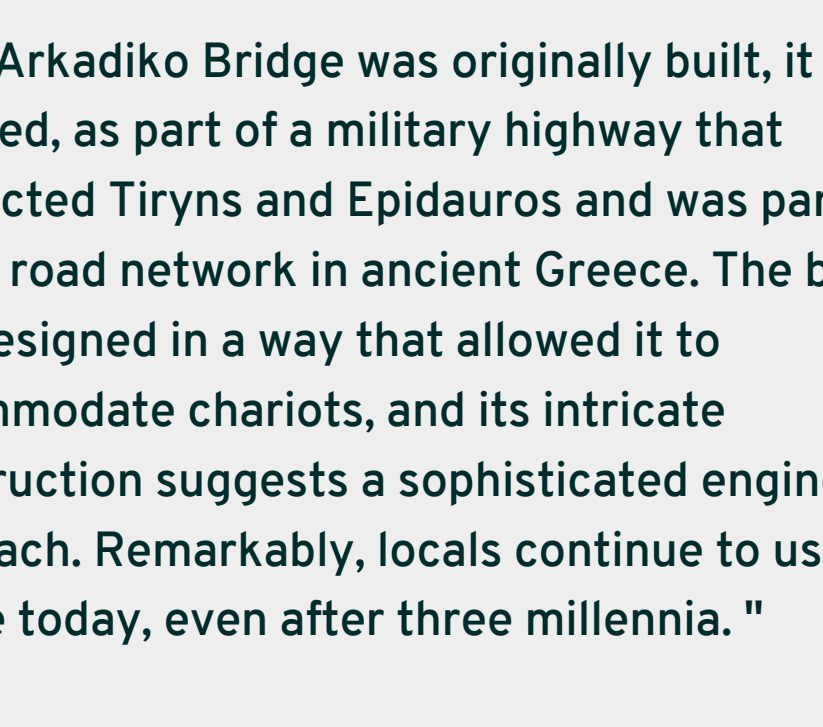
" Plus, we had nimble, efficient bodies,
Prendergast said. It takes a lot more calories to
feed stocky Neanderthals than comparatively
skinny Homo sapiens, so Neanderthals had more
trouble getting by, and moving around, especially
when food got scarce.

Janet Young, curator of physical anthropology at
the Canadian Museum of History, pointed to
another intriguing hypothesis – which
anthropologist Pat Shipman shared in one of her
books -- that dogs played a big part in our
survival. Researchers found the skulls of
domesticated dogs in Homo sapiens sites much
further back in time than anyone had found
before. Scientists believe dogs made hunting
easier.

By around 30,000 years ago, all the other kinds of
hominins on Earth had died off, leaving Homo
sapiens as the last humans standing. "

By alien they mean life

Why finding alien life in Universe is now 'only a matter of time'



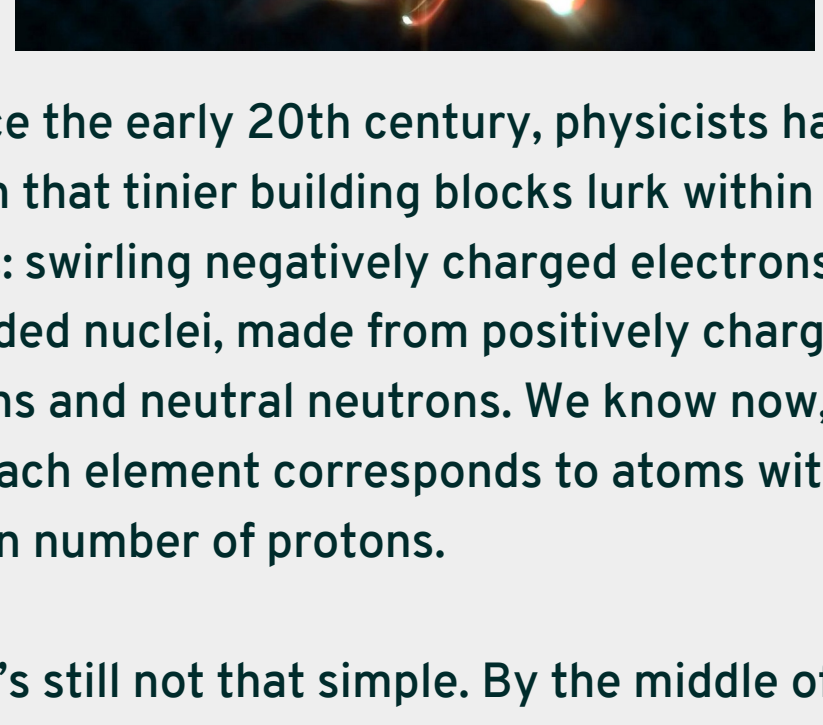
" But as powerful as JWST is, it has its limits.
Earth's size and proximity to the Sun enable it to
support life. But JWST wouldn't be able to detect
faraway planets as small as Earth (K2-18b is eight
times bigger) or as close to their parent stars,
because of the glare.

So, Nasa is planning the Habitable Worlds
Observatory (HWO), scheduled for the 2030s.
Using what is effectively a high-tech sunshield, it
minimises light from the star which the planet
orbits. That means it will be able to spot and
sample the atmospheres of planets similar to our
own.

Worlds Observatory places a sunshield in front of
the star to see the planets around it more clearly
Also coming online later this decade is the
Extremely Large Telescope (ELT), which will be on
the ground, looking up at the crystal-clear skies of
the Chilean desert. It has the largest mirror of any
instrument built, 39-metres in diameter, and so
can see vastly more detail at planetary
atmospheres than its predecessors. "

Close to our beginnings

Ancient civil engineering projects still in use

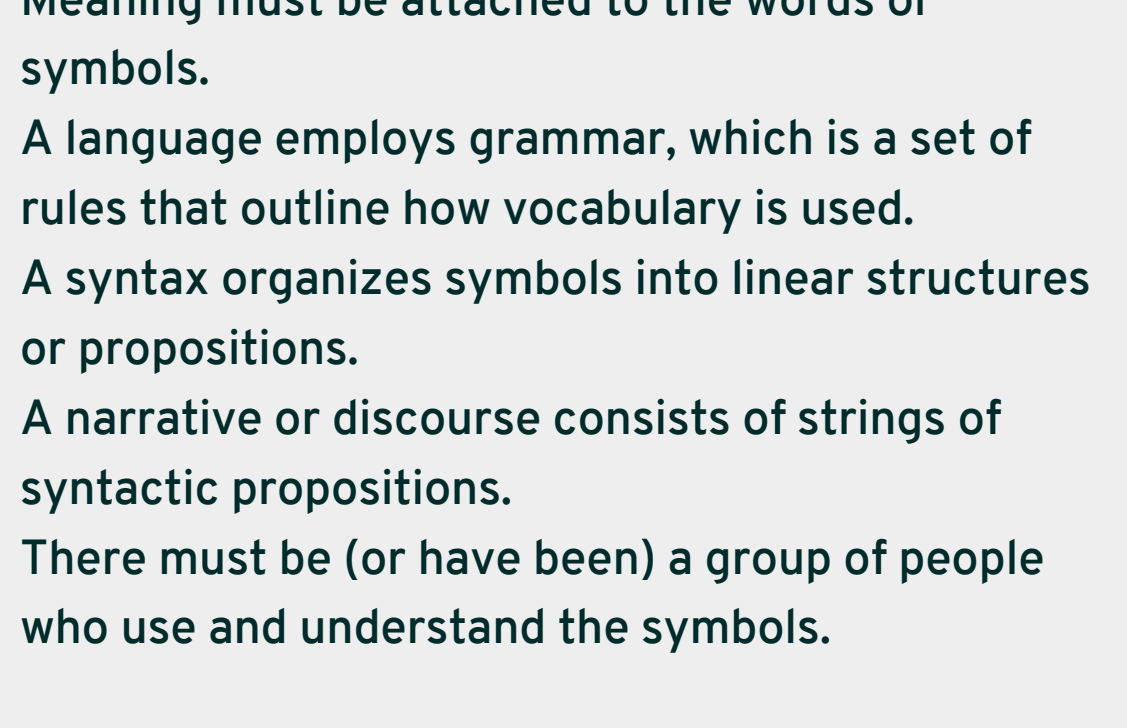


" The Arkadiko Bridge was originally built, it is
believed, as part of a military highway that
connected Tiryns and Epidauros and was part of a
larger road network in ancient Greece. The bridge
was designed in a way that allowed it to
accommodate chariots, and its intricate
construction suggests a sophisticated engineering
approach. Remarkably, locals continue to use the
bridge today, even after three millennia. "

October 1, 1908

Ford Model T

A car for everyone



Wiki Rabbit Hole

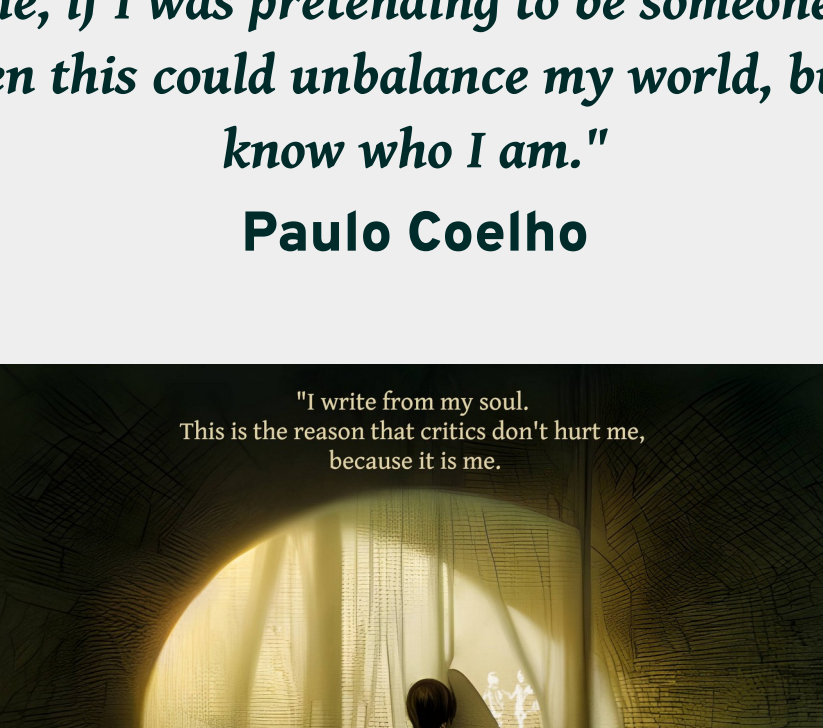
" Ford's Model T was successful not only because
it provided inexpensive transportation on a
massive scale, but also because the car signified
innovation for the rising middle class and became
a powerful symbol of the United States' age of
modernization.

Although automobiles had been produced from
the 1880s, until the Model T was introduced in
1908, they were mostly scarce, expensive, and
often unreliable. Positioned as reliable, easily
maintained, mass-market transportation, the
Model T was a great success. "

We still don't know

What is matter?

It's not as basic as you'd think.

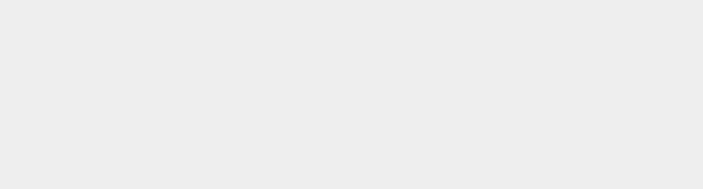


" Since the early 20th century, physicists have
known that tinier building blocks lurk within
atoms: swirling negatively charged electrons and
shrouded nuclei, made from positively charged
protons and neutral neutrons. We know now, too,
that each element corresponds to atoms with a
certain number of protons.

And it's still not that simple. By the middle of the
century, physicists realized that protons and
neutrons are actually combinations of even tinier
particles, called quarks. To be precise, protons and
neutrons both contain three quarks each: a
configuration type that physicists call baryons.
For that reason, protons, neutrons, and the matter
they form—the stuff of our daily lives—are often
called 'baryonic matter.' "

The language of agreement

Why Mathematics Is a Language



" Whichever definition is used, a language contains
the following components:

- There must be a vocabulary of words or symbols. Meaning must be attached to the words or symbols.
- A language employs grammar, which is a set of rules that outline how vocabulary is used.
- A syntax organizes symbols into linear structures or propositions.
- A narrative or discourse consists of strings of syntactic propositions.
- There must be (or have been) a group of people who use and understand the symbols.

Mathematics meets all of these requirements. "

Good morning Irish, boo

Tales of Women Ghosts

" Olive Thomas was the original flapper, having
starred in the 1920 film that coined the phrase.
Her life was glamorous and included a stint as a
Ziegfeld Follies showgirl and a marriage to Jack
Pickford, brother of the movie star Mary Pickford.
Her death came too soon, at age 25, when Thomas
drank down the mercury bichloride that was
intended to treat her husband's syphilis topically.
Whether this was accidental—perhaps she thought
it was illicit hooch—or intentionally suicidal was a
matter of debate. But since then, Olive has been
said to haunt the New Amsterdam Theater in New
York City, where she once owned the spotlight.
Thomas struts around in a green beaded costume
that she wore as part of the Follies while clutching
a blue bottle. She supposedly appears before men
and flirts before she vanishes. She's been spotted
so often by stagehands that a superstition has
risen, claiming it's best to say, 'Goodnight, Olive,'
as you leave so as not to snub the theater's long-
time resident. "

**"I write from my soul. This is the reason that
critics don't hurt me, because it is me. If it was
not me, if I was pretending to be someone else,
then this could unbalance my world, but I
know who I am."**

Paulo Coelho

it's your life
you understand

*Please feel free to forward Change Happens to anyone
you think might enjoy it and have a most excellent day*