

.ELENA GIERTLOVÁ.

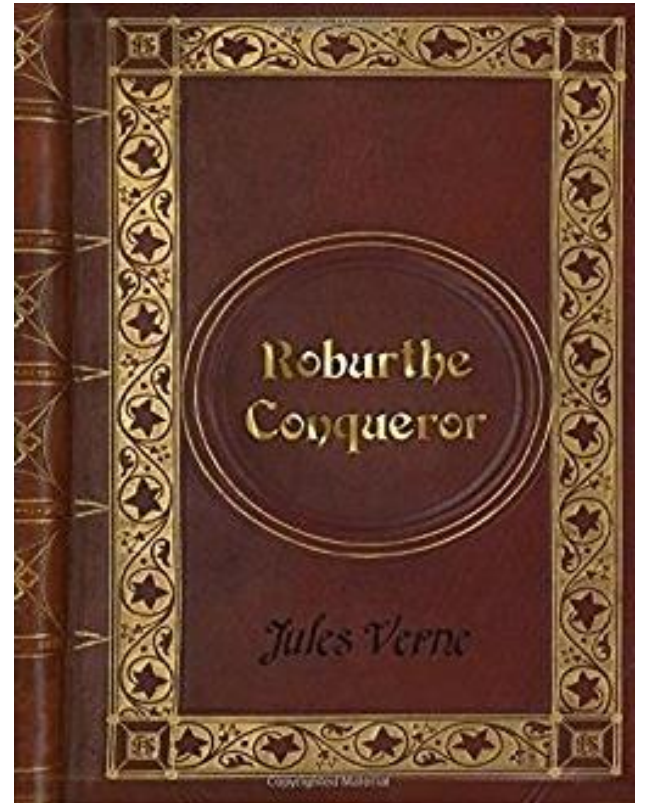
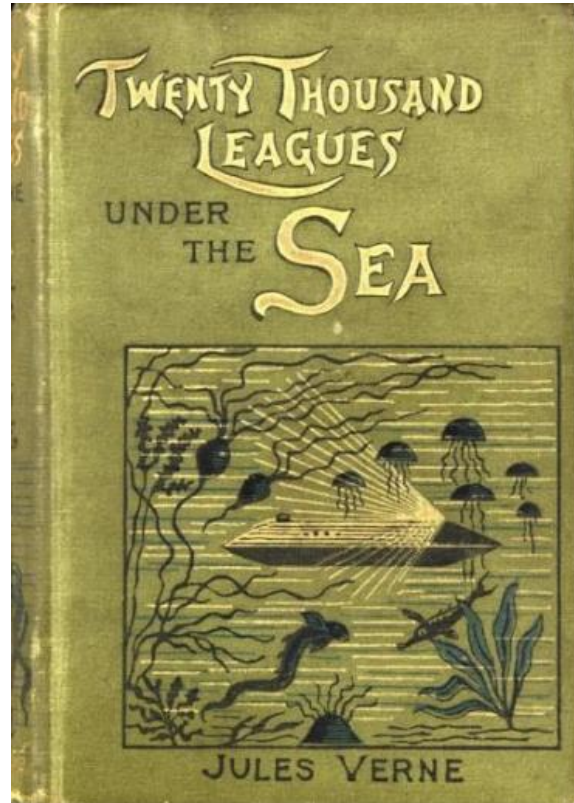
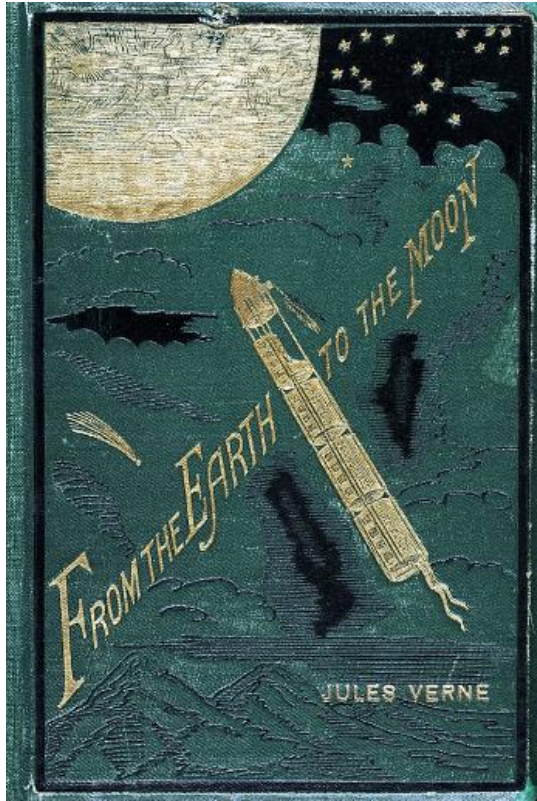
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2017

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verne

**20,000
Leagues
Under
the Sea**

'Vingt mille lieues
sous les mers:
Tour du monde
sous-marin'





Visions of the future

1878 - 1905

verne

voyages extraordinaires

Memories of the Future

1828 - 1904

Jules Verne

'the father
of science
fiction'



Jules Verne has earned a place in the history of literature as one of the most important writers of adventure novels of recent history. But his novels contain more than just entertainment. Their pages contain hidden scientific data, descriptions of inventions and, above all, a love of technological innovations and the progress of humanity.

From his perspective as a nineteenth century man, Verne shocked the world with tales of gadgets and vehicles that, years later, would eventually take shape outside fiction, just as

From the Earth to the Moon

"De la terre à la lune"



1865

The novel tells the story of the Baltimore Gun Club, a post-American Civil War society of weapon collectors, and their attempt to build an enormous Columbiad cannon gun and launch themselves to the Gun Club's president, his Philadelphia sister and her maid, and a French priest — on a journey to the moon's moon landing.

The story is also notable as that Verne attempted to do some rough calculations as to the requirements for the mission and estimating the temperature both on the night on the moon, some of his figures are surprisingly close to reality. However, his mission based on it to be completed in such a short span, would mean a much longer mission would have been required to reach escape velocity while limiting acceleration to survivable levels for the passengers.

The character of Michel Ardan, the French member of the party in the novel, was inspired by the real life photographer, Felix Tadeu.



Solar sails// the light-propelled spacecraft

Jules Verne operational about light-propelled spacecraft. Today, the technology has a name: solar sails, one of which is planned here to be orbital concept for NASA's orbiting Solar Sail II.

Today, Verne is widely regarded as a prophetic writer who imagined many modern technologies decades before their time. He predicted a lot of things that have happened, but that's because he was reading a lot and talking with people and he knew what was going on in the world.

20,000 Leagues Under the Sea

"Vingt mille lieues sous les mers"
"Tour du monde sous-marin"



1870

The novel was originally serialized from March 1869 through June 1870 in Pierre-Beaumont Hachet's periodical, the *Magasin d'Éducation et de Récréation*. The *Atlantic* serialized edition, published by Thomas Nelson in November 1957, included 111 illustrations by Augustus de Merville and Edward Davis. The book was highly successful when released and still is now; it is regarded as one of the greatest adventure novels and one of Verne's greatest works, along with *Journey to the Center of the Earth* and *Journey to the Moon*. The discovery of Titan's deep, called the Trench, was considered ahead of its time, as it is currently thought to have an oil reservoir, which at the time were not previously known.

The title refers to the distance traveled while under the sea and not to a depth of 20,000 leagues as even an ocean the diameter and nearly twice the mass of the Earth. The greatest depth measurement in the book is four leagues.



//Nautilus and the electric submarine

Nature's Captain Verne made the world's ocean a global electric submarine, the Nautilus, built from the depths, from the depths, and after Verne, the Nautilus built all the different from some machines, like such as the early 1900s, then passenger (like generally), which is powered by fuel and oil.

Like Ardan, the Nautilus was fully powered by electricity, "which is the most had a kind of magical wire" and *Nautilus* (Verne), a feature of technology in the *Electricity* (Verne) (1871).

In the book *Electricity*, Verne describes electricity as "a powerful agent, obedient, quick, easy, which conducts to every use, and which operates on kind of result."

.THE END.