

I. Introduction to discussions with A.I.

How can we not be outraged by the war in Ukraine, the aggression of Hamas, the threats from North Korea and many other current events, such as the rise of extremist parties. Of course, expressing anger can lead to judgments that are sometimes hasty and subjective. So to mitigate these emotional reactions, artificial intelligence will be called upon to deal with many points, in order to obtain a neutral, more objective opinion.

The events of recent years have highlighted the great dangers that threaten humanity. If the covid 19 virus has reminded us of the fragility of the human race in the face of such a scourge, it has also revealed the influence of disinformation campaigns and distrust of the pharmaceutical industry and political and financial power in our democracies. Anti-democratic movements have taken advantage of this to unite individuals who are reluctant to be vaccinated and to discredit democracy, by demonstrating that its obligation constitutes a suppression of freedom. In other words, why not Putin? Like a crawling snake, the initiators have slowly expanded their influence, multiplying false information in many directions. The unstated aim of all these manoeuvres is to destabilise the powers that be and to win a large number of votes in favour of strong regimes, such as nationalist parties and dictatorships.

The manipulation of these disinformants is such that regular readers try to convince those around them and opponents are considered naïve and idiots. This is how the discussions end in a dialogue of the deaf and the final word of these discussions is: You who are so intelligent, how can you believe what the official press tells you? This is, of course, manipulation, which I would not fall for.

In any case, it is up to me to sort out the information, whether it is official or not.

During major crises, a large part of the population is ready to listen to the siren song, and dictators know this well. Their strategy is to frighten the population, with disinformation as their first weapon.

Russia's aggression against its Ukrainian neighbour is only the oft-repeated signature of the dictatorship. Putin's motives are nothing but hypocrisy, designed to justify his abuses. In truth, neither the West nor the United States intended to attack Russia. If they had intended to do so, they would have prepared for war, arming themselves to the teeth. However, it is clear that NATO countries are experiencing great difficulties in supplying the weapons necessary for the defence of Ukraine. In truth, the only enemy not declared by the master of the Kremlin is democracy on Moscow's doorstep. A free press and free elections would be a threat to his power and the kleptocrats around him.

While all of humanity should unite to limit global warming, abysmal sums of money are being spent on a war unleashed to perpetuate the power of a few unscrupulous individuals. The Kremlin's perfidy does not stop at the invasion of Ukraine but also at provoking immigration to Europe, so that the exasperated local populations resort to the vote of nationalists, who are sympathetic to its criminal intentions. On the other hand, it is not impossible to think that Putin's strategy is to use these international relations to expand conflicts in order to disperse American forces all over the world. For this, he knows that he can count on the hatred of the Americans, of certain countries such as Iran or North Korea.

The latest event is the aggression of the Islamist movement Hamas on Israeli territory, prepared and concerted between Putin and the mullahs, probably for a long time. The Houthi aggression follows the same logic.

This, of course, would be a superficial conclusion to say that this is only a matter of religion. However, it must be noted that the forces involved claim to belong to two different religions. How can we not recall Sigmund Freud's scathing conclusion: Religions are the infantile disease of humanity.

Given all the threats to humanity, one has to wonder if she will ever become an adult.

Indeed, Putin is not the only dictator in power. North Korea threatens the West with its nuclear power. Let's imagine that these two individuals go crazy. Who will stop them? This one frightening question should make all of humanity reflect on the danger of dictatorship and call for the wisdom of democracy and to ensure that it is maintained.

This book is a plea for more democracy and secularism. He denounces the harmful role of religions and dictatorships. He talks about the weaknesses of democracy that should be addressed in order to avoid the rise of extremism, such as the problems posed by immigration, social justice, ecology, freedom of the press and expression, and the judicial system.

This book is first and foremost a dialogue with artificial intelligence. Some of the remarks may shock many citizens, but they should only be seen as an aspiration to live in peace in a more equitable world.

II. Future dangers for humanity:

1. Religions

For thousands of years, man has wondered about his existence and the origin of what surrounds him. In various parts of the world, beliefs have developed, giving rise to different religions.

The transcription on papyrus resulted in the transmission of these beliefs to the next generations. All these thousand-year-old works are written in prose and are subject to different interpretations. Of course, they do not provide any tangible proof of the existence of one god, or even several gods. Nor can science provide an answer to this question because it is based on observations, on material evidence. Now, according to theologians, God is a spirit, who has power over matter. He would therefore have created the universe. A mind is invisible and therefore inherently unobservable. Therefore, it cannot be the subject of any scientific study.

Clearly, the existence of a god is essentially a human belief. Man, like all life on earth, with the exception of prokaryotes, is mortal. To better accept his fate and better cope with the loss of a loved one, he probably needs to believe in an afterlife. Of all religions, the only positive message is that of Christ, the message of peace. This does not mean, as Christians claim, that he is the son of God.

This is how man, by rejecting death, has invented a form of eternity for himself, claiming that God has endowed the human being with a soul, which he will give back to him on the day of his death. This will be the subject of a judgment, on the basis of these past actions. It will take place either in heaven or hell or in purgatory. Man has thus in a way deified himself.

If man has an intelligence, certainly superior to any form of life on earth, it should not be confused with a soul, which is only a view of the mind. In short, the plant world, like the animal world, is perpetuated by the transmission of its DNA to the next generations, man is no exception to this rule. It is a form of eternity, concrete this time.

Man is the result of the increasing complexity of nature. It is not certain that this will be the final outcome. It can be subject to mutations. Let's hope that this evolution will allow him to become more intelligent, more beautiful and non-violent.

Most religions claim that the universe was created by God for man and that in return man should spend much of his time praying and thanking him for giving him life.

This statement may be just a dystopia, if we become aware of the time and space of the universe. Indeed, most scientists agree that the universe is the result of a big bang dating back 13.8 billion years. However, potassium-argon dating of the bones of the first biped of human lineage, of the genus *Australopithecus*, discovered by the team of archaeologist Yves Coppens in 1974 in Ethiopia, proves that the remains of what will be called Lucy are about two million years old. *Homo sapiens* has only appeared in the last 200,000 years, a very small fraction of the time of the universe. It took

almost 13.8 billion years for the creative spirit to see the final result of its creation, namely man. On the other hand, the universe has more than 22 billion galaxies, according to the most recent observations, each galaxy having several billion suns, some of which are accompanied by terrestrial planets. According to the religious, the sole purpose of such a construction would have been the appearance of man on earth, as we know him today. Reading such figures, how can we not be skeptical of the assertions of the religious?

Current scientific knowledge does not provide all the answers to questions about the origin of the universe, nor its future. Some scientists are developing theories such as the Big Crunch. This would mean that the currently expanding universe would contract again in billions of years, as gravitational forces would slow down this expansion, causing a new big bang. Not all scientists agree on the shape of the universe, whether it is more or less flat, like a disk, or spherical. If it is a record, it is not forbidden to think that there are several universes. If it is spherical and expanding indefinitely, it is very likely that there is only one universe. Recent observations of the speed of galaxy movement attempt to demonstrate that the expansion is in acceleration mode. Scientists speculate that the existence of dark matter or antimatter is responsible. However, its existence is only theoretical and has not yet been observed.

These claims are based solely on the reading of works by credible scientists. It would be an insult to readers not to have verified this information.

Man is, of course, free to believe or not in the existence of a god, except that religious people are quick to teach their version of events to the cherubim, so that it is indelibly engraved in the brain, inflicting on them a kind of straitjacket of thought.

The most negative result of this teaching is manipulation, often aimed at ensuring political-financial power. Recent events in Israel provide clear proof of this. The Muslim world shows its solidarity with the Palestinian people, even though Hamas, from which it comes, is responsible for the aggression. Objectivity is not the order of the day in this conflict. Such a reaction shows the influence of religion, which could lead to a world war. From this vantage point, it can be said that religion is a dangerous instrument of manipulation.

It seems clear that a two-state solution would calm the bellicose fervor of the Palestinian movements. But ultra-Orthodox Jews are opposed. Once again, it must be noted that extremist positions are sources of conflict. Under these conditions, there is no question of a peaceful future in the region or in the West.

If, in theory, freedom of expression is a fundamental principle enshrined in the constitution in our democracies, this will not protect me from threats or

assassination attempts, if my writings reach the hands of certain religious movements. It is not a provocation but an invitation to reflect on the validity of religions and their consequences on the relations between different communities. As there is very little chance that my book will be widely distributed, I take the risk of bringing up these taboo subjects. Indeed, should we avoid debating such subjects when there is a risk of global conflict? Isn't it time to call a spade a spade?

Should we risk setting the planet ablaze, in the name of beliefs, when there is no scientific proof of the existence of a God?

Ultimately, the risks of conflict essentially concern three religions, the Jewish, Christian and Muslim religions, formed from one of them, the oldest, the Jewish religion.

All three refer to a discussion between a man and a deity. So Moses would have a conversation with God in the wilderness, Christ would have had a conversation with an archangel named Gabriel to write his verses. Where is the evidence ?

Moses is said to have left the Egypt of the Pharaohs with his people to reach the promised land, the territory of present-day Israel. It is clear that to cross the desert regions requires unshakable faith to have the strength to face such difficulties. Belief in a destiny, in a supernatural force, can help to overcome them. Haven't cathedrals

been built in the name of a creed? Is this proof of God's existence? Clearly, this belief is based only on Moses' claims that he spoke to God. The Jewish people define themselves as the chosen people, which can only arouse the jealousy of other populations, especially when the mother must be Jewish in order to be part of it. It reminds one of the blue blood of the nobility of yesteryear, enough to attract the wrath of others. In any case, this principle allows an almost certain traceability of the origin of the members of this community. But the birth of any life form is the result of a cross between two strands of DNA. From a biological point of view, it has never been established that the DNA of the Jewish people is truly different from other DNA. Without a religious symbol, no one can identify a person as Jewish. They therefore belong to our great human community. Besides, is it necessary to define one's identity in relation to a religion? Is this identity defined by the person himself or by the authorities of the day? This is to refer to Hitler's assessments, which defined Jewish membership in any kinship to a Jew of origin.

The success of Jews in many fields, such as science, the arts, finance, of course, arouses the jealousy of other communities and thus provokes hatred. There is nothing to prevent these communities from doing the same. This jealousy and hatred are the source of conspiracy theories, completely far-fetched, spread on many social networks. Since Jews have always been non-violent

minorities in many countries for thousands of years, they have been held responsible for the difficulties of the moment, persecuted and massacred for no good reason. For this reason, the present land of Israel is considered a refuge and it is understandable that they would defend this territory in order to preserve their existence.

We cannot ignore the history of Judaism, Christianity or Islam and we can only learn to live together because these religions will probably never disappear. This does not prevent us from reflecting and asking ourselves how to mitigate the hatred between these communities, which claim to hold the truth, without formal proof.

As for Christians, their belief is based on the fact that Christ is the Son of God and that he sacrificed himself to leave a message of love and peace. He would also have heard the word of his father God. He is said to be the fruit of a fertilization between his mother Mary and the Holy Spirit. However, all biologists are unanimous in saying that the life of all eukaryotes in the animal or plant world, of which we are a part, is ensured by sexuality. Was Mary a hermaphrodite?

In other words, it is difficult to swallow such a snake. Then, to guarantee its divine origin, the New Testament mentions miracles, such as the multiplication of the buns. In the end, the only message to take away from these fairy tales is non-violence and peace between humans.

But it seems that in the Middle Ages this message was interpreted differently, since the West, which had become Christian, organized crusades to annihilate non-Christians in the name of God and then in the following centuries baptized Africans and Native Americans with sticks. And again recently, during the Second World War, Pope Pius X!! gave his support to Adolphe.

Even though this religion no longer represents a danger to humanity, it is the subject of much criticism, especially regarding celibacy among the Catholic community. Many facts of pedophilia are brought to the attention of the public, causing a massive withdrawal of believers. Since all religions are defined by thousand-year-old texts, one can only deplore a lack of adaptation to today's realities. Scientific knowledge about the natural needs of the human libido is confronted with the atavistic beliefs of religion. In the face of such blindness, the helpless children have paid the price and the church turns a blind eye.

As for the Muslim religion, it calls for many comments. First of all, it is worth reading the story of Muhammad as described by specialized historians. It appears that the verses of the Qur'an were written as a result of a confession made by the Archangel Gabriel to the Prophet Mohammed. The first question to ask is: Where is the proof of the existence of this archangel? Its existence is found only in writings of both the Jewish and Christian Testaments. Where is the evidence that he

spoke to him? Apart from his wife, no one believed his version of events.

Historians report that Muhammad had 10 to 15 wives in his lifetime, participated in several wars and attacked a caravan to steal its booty. Should we be surprised, then, at the behaviour of some Muslims today? Apparently, the prophet's behaviour was not the most virtuous. It is up to Muslims to reflect on these questions, taking a step back, removing the straitjacket in which their teaching has locked them.

It is therefore not surprising that other communities are suspicious of this religion, especially when a minority faction commits attacks and murders in the name of Allah.

Their growing presence in Europe is causing the rise of the far right because their integration is very difficult and the mere use of the language is not a sufficient condition. Because of their beliefs, a large proportion of Muslims do not seem to share our values, especially regarding the equality of men and women and secularism. Respect for the laws dictated by the prophet takes precedence over respect for the laws of the Republic. It would seem that they do not respect the separation of powers between church and state. This is reminiscent of the long evolution in France, for example, of the relationship between the rulers and the church. In

the past, kings relied on the church to assert and justify their power. Religion served as a gendarme of sorts.

The Age of Enlightenment began to challenge this form of governance and culminated in the French Revolution in 1789. It was not until 1905 that a law was passed guaranteeing the separation of church and state. It would seem that most Muslims are not yet ready to make this split. It is true that the governments of their countries of origin refuse such a separation because religion helps them to maintain their power and allows them to shape the thinking of their subjects. The Muslim religion has not yet entered a century of enlightenment and continues to advance in darkness.

Worse, some countries such as Turkey, which under Atatürk had seen the emergence of secularism, are returning to obscurantism under Erdogan, in order to consolidate and perpetuate his power. Religion remains an important prescriber for a poorly educated and rural population.

As for Iran, it continues to defy the chronicles. The mullahs, who rule the country, persecute women and all political opponents, all in the name of Allah. To ensure their credibility, they wear beards to better resemble the icons representing God. They do not hesitate to have their subjects executed if their authority is not respected. They therefore contribute to a very negative perception of the Muslim religion in the West. It is not

surprising that some countries, such as Poland, take a very dim view of the arrival of Muslims on their territory, as do the Hungarians, who elected Orban, in reality because he opposes the decisions of Brussels on immigration.

It is time to ban the external funding of mosques and Koranic schools.

In our democratic countries, secularism is one of the fundamental principles. It is therefore essential that the authorities be intransigent in respecting it. Therefore, school and university education should not dispense with the study of religions. This institution is intended to provide knowledge, based on scientific certainties. It is therefore essential to devote a large part of the courses to science, to the knowledge of the genesis of the universe and of life on earth. As Stephen Hawking said, you have to roll your eyes and not just look at your feet.

Religion is a personal matter and in any case, the family environment is responsible for its transmission.

Scientific knowledge makes it possible to relativize religious teaching and thus to mitigate its harmful effects. Scientists collaborate in many fields, without prejudice of origin, race or religion.

So, we can only hope that the world becomes a little more agnostic and not more dogmatic. Thanks to the web, almost the entire population can have access to

scientific information, and thus offer the opportunity to open up to new and profound reflections. In some countries, such as Afghanistan, the clerics, who have seized power, forbid access to this information because it threatens their credibility and therefore their power, as knowledge is a threat.

On the other hand, it is not forbidden to look at the earth as a true miracle if we consider all the conditions required to shelter life there, such as the size of our planet and our sun, the distance that separates us from it, allowing moderate temperatures, the presence of the moon, stabilizing the inclination of our planet allowing the alternation of the seasons, or the presence of gas giants such as Jupiter and Saturn, influencing the rotation of the earth around its star and intercepting some of the celestial objects from the Kuiper belt, thanks to their strong attractive force.

As everyone knows, we need dry land and water, without which no form of life can exist. Luckily, the earth has a ferrous core, which rotates and emits a magnetic field that protects us from solar radiation, and has enough gravitation to hold the atmosphere around us. Mars, another terrestrial planet orbiting in the theoretically habitable zone, due to its size and therefore its gravitation, can only hold a thin layer of atmosphere and its magnetic field is insufficient to serve as a shield against solar radiation.

The other specificity of our planet is the movement of tectonic plates, which cause the eruption of volcanoes at the bottom of the oceans, probably responsible for the first building blocks of life, some 3.5 billion years ago, namely the construction of amino acids (RNA - DNA). It took a few billion more years for cell division to no longer be the only mode of reproduction, giving way to reproduction by sexuality and thus allowing biodiversity through the crossing of two strands of DNA.

By the greatest of coincidences, the fall of a meteorite 60 million years ago caused the extinction of the dinosaurs, giving way to the development of a new animal species, the mammals of which we are a part.

Biodiversity, both plant and animal, allows us to feed ourselves, i.e. to provide us with the necessary energy. And it is not forbidden to marvel at the existence of certain so-called domestic animals, recalling the essential roles of horses or cattle, which have allowed us to work the land, chickens that offer us a source of protein by laying eggs, dogs, endowed with a hearing and smell superior to ours. These are just simple observations, but they should lead us to contemplate and respect our environment.

Our planet possesses almost all of the chemical elements in Mendeleev's painting, allowing us to make elaborate technological products. Our sun, like all the planets, is the result of the explosion of a supernova,

which, thanks to the heat released, transformed the atomic nuclei. This recombination of atoms gave rise to the 145 chemical elements we know today.

The list of happy coincidences that are conducive to our existence is long and we can only say that our existence is a real miracle. Moreover, the latest scientific studies tend to demonstrate, through simulation calculations, that the living conditions are unique in the Milky Way, our galaxy.

It should be remembered, however, that there are more than 22 billion galaxies in the universe. The fact that we may be alone in our galaxy does not mean that we are a unique model in the entire universe. But given the distances, we will probably never have proof. The closest galaxy to the Milky Way, Andromeda, is 2.5 million years far away. It would therefore take 5 million years to get an answer from extraterrestrials from this galaxy, since it has been proven that the speed of light is an insurmountable limit.

Given the dangers that threaten humanity, there is a very high chance that life will have disappeared from the planet. It is time for man to become truly aware that our planet is a unique model and that everything must be done to preserve the conditions of its existence.

The closest star to our sun is more than 4 light-years away. Proxima centauri is a red dwarf and is by no means a candidate for life. To get there with our current