How Should Humanity Steer the Future?

1st, one must ask: can humanity steer the future? Man likes to think so, but advances in science have shown that man at present can't even master this 1 small planet of many in 1 solar system of many in 1 galaxy of many, etc. Man has not even been able to learn to control his own behavior for his own benefit as a whole, let alone control his home planet for the benefit of all. It could be pointed out that man's civilizations have been around for thousands of years and he has not destroyed himself or the world yet. The problem with that concept is that the acquisition of each new level of scientific knowledge and the development of practical uses of it gives man a much greater ability to control things in the world. The tools developed by the use of this ability can either yield a better life for all if applied properly or it can make life much worse for man and even destroy men's lives or at some level of development could even allow the planet to be completely destroyed if used wrongly. These more powerful tools are neutral in themselves. Man must learn to control his behavior to use them for good and not for evil purposes.

Man's behavior can't be controlled by the establishment of a worldwide dictatorship in which one or more men force(s) everyone else to act properly. This has been tried many times and has always failed, partly because the man in charge always comes to think more of himself than he should and his greed and desire to have more for himself than what others have and to have more control over the lives of the people causes him to corrupt the system and in that way also teach others to do the same. This type of system is long term unsustainable and does not produce adequate long term growth. Maximum long term growth and sustainability occurs when all have adequate resources and the freedom to live and pursue their goals in life and when those goals are not only to have better lives for themselves, but also to provide better lives for all others. Thus, this freedom must be coupled with education and positive reinforcements to encourage behaviors that are beneficial to the quality of life while at the same time discourages behaviors that are detrimental to production of good and healthy lifestyles in its citizens. Man has not yet been able to fully produce such a system by himself.

At present, the governmental system that has come closest to providing such a positive environment for its citizens and come closest to being able to educate and motivate its citizens to treat each other in accordance with such positive goals is that of the United States of America. It has never been perfect, however, but has had several high and low points and has progressively deteriorated to a great degree in that respect from about the 1960's to the present. An interesting coordinating trend is that the ups and downs in man's behaviors generally track well with ups and downs in the Christian Religion in the country. During this period, there have been several signs of degradation of the Christian Religion both in numbers and in structure and at the same time many societal problems have arisen and/or become greater in the population at large. At first glance, it may seem that what happens to one segment of the population should not affect the population in general, but if one looks a little deeper the connections are obvious. When the nation was founded, many of its founding principles and laws were based on principles contained in the Christian scriptures because many of the founders were Christian and many Christians have also served in government positions over the years and that has allowed them to continue the establishment and maintenance of this practice. In recent years, however, the general decline in the Christian religion in the United States has meant that fewer have entered into these positions and many of those who have are not of the group of Christians that would attempt to positively affect the beliefs and practices of others. To understand this last statement it is necessary to look deeper into the structure of the Christian Church or at least that which is called the Christian Church. In general it is composed of several groups that behave differently from each other.

1st, there are those who are basically Christians in name only. They desire to control their own lives and often also desire to control the lives of others and become Christians because they see some gain or acceptance for themselves, such as to be seen as good people by others or to be accepted by their

Christian neighbors, etc. Often those in this group have very little understanding of what the scriptures say, so their behaviors either are not changed at all by the experience or are changed only to the degree that they see to be necessary to be accepted by Christians around them. If this group gets too large in comparison to all of the Christians in an area, they tend to establish principles and practices as Christian that are not in accordance with Christian scriptures. Although they are called Christians, in government they would likely try to establish non-Christian principles and laws, etc.

The 2nd group is composed of those who realize that they cannot control their own lives for their benefit in all cases and are, therefore, looking for someone else to help them. They come to God to get him to serve them and give them what they desire. They may read the scriptures, but tend to ignore the parts that they don't like and also tend to add things that they do desire that are not in the scriptures. As an example, if one in this group is mistreated by someone else, he may refer to a passage in the Old Testament that would allow him to take vengeance on that person and ignore the New Testament commandment to forgive those who trespass against him, even though as a Christian he is to accept and be under the New Testament (new agreement with God) and not under the Old Testament (old agreement with God). Such a person in government would likely try to establish those Christian principles and laws that would give him gain or control over others while at the same time he would try to establish principles and laws that were contrary to the scriptures if he would gain from it. An example, would be a wealthy person who would try to establish laws against fraud, (which would be in accordance with the scriptures) because he could see that it might protect him from fraud by others, but who at the same time would work to make laws that would give him advantages over others to make great gains for himself while at the same time allowing him to pay no or minimum taxes on that gain and to allow him to drain large amounts of the tax money paid by others from the government in subsidies, etc. for his own gain and at the same time try to take away retirement benefits from those who have paid for them out of their pay during their working years. Such a person might hire others to work long hours for him, but pay them so little for their labor that they do not have the resources in terms of time or money, etc. to be able to properly provide for themselves and their families. These workers must then draw needed resources from the government, thus effectively giving tax payer wage subsidies to their employer, etc. Such practices would, of course, be against scriptural principles such as: Thou shalt love thy neighbor. Thou shalt not oppress the hireling. Give to each according to their need, etc.

The 3rd group and the only one that I consider to truly be Christians are those who understand that they can't control the world or even themselves to always work things for good for themselves and others, so they come to God not only to get his help in these things, but actually desire to know God, what he made the world and them for, and how they can serve and please him by working with him to fulfill his purpose in them and in the world through them. This learning process takes time and is called sanctification. As a result the behavior of those in this group will range from completely contrary to God's will when they first begin the process to those who do all things to please God when they are sanctified. Those in this group who are sanctified would, of course, work to establish principles and laws in accordance with the Christian scriptures.

The ones who are sanctified are the only ones who have overcome man's built in destructive weaknesses and actually live according to the principles of the Christian New Testament. I have looked at other religions, but all have weaknesses in their doctrines and their disciples are not able to completely overcome their weaknesses, so they all fail to even live up to the level of their doctrines. I have found the same result in searching out non-religious doctrines from various sources. I have only found the ability to allow man to completely overcome his natural weaknesses in the Christian doctrine. In that doctrine is the promise of a way that God first prepares the man and then enters in and dwells in the man and gives him the ability to do his will and please him. This concept makes more sense when one understands that God's expressed purpose for creating this world is to make a body for himself and that men are to be members or parts of that body. In the same way that we live in our bodies and the members or parts of

our bodies receive messages from our minds and act accordingly it would be expected that God would live in his body and communicate with it his desires and his body would then be enabled by him to carry them out in the world. Under this concept man should steer the future in the direction that will be working with God to fulfill his expressed purpose for creating this world, which is to use it to make a body for himself, by converting as many people to Christ as possible. Whether a person believes in God and Christ or not, this looks like the only way that could change the behaviors of a large enough part of the population of man adequately in a positive way, so that man would not destroy this planet with the acquisition of advanced tech, especially 5V Tech. This level of tech will not likely be given to man until this condition is met or until very near the end of this world, so that man would not have time to destroy it prematurely. But that is getting a little ahead of where we are at this point because the next question is: does man actually possess the internal ability to steer the future or is it steered for him by one or more others? To answer that question it is 1st necessary to look at an expected progression of technological advancement and see what new abilities might be expected to be attained and how these new abilities might be expected to affect the lives of people if they are used properly. I won't try to cover the missuses of them and the expected results of that because man is more than able to do that on his own without extra help from others.

There are many technological areas of advancement each of which can affect the lives of many in either positive or negative ways, but I will concentrate on three basic technologies because they give rise to or are at least very important to the development of so many others. They are:
1. Structured Field Technology (SF Tech). The acquisition and use of the knowledge, understanding, and ability to generate and control sub-energy field structures.
2. Fourth Vector Structuring Technology (4V Tech). The acquisition and use of the knowledge, understanding, and ability to generate and control 4th vector motion.
3. Fifth Vector Structuring Technology (5V Tech). The acquisition and use of the knowledge, understanding, and ability to generate and control 5th vector motion.

Generally it is expected that much 4V Tech will be understood and used before the development of 5V Tech because it allows the development of many concepts and tools that are needed to set the stage for the development of the latter. Development of SF Tech tends to run in parallel with the development of the other two both giving advancement tools to and also receiving advancement tools from the other two technologies.

SF Tech
Sub-energy particles contain motions in 1, 2, or all 3 of the lower 3 dimensions. This yields a composite 3 dimensional motion in 1 direction in that 3 dimensional structure that is generally less than the speed of light. The internal motions of matter particles tend to concentrate and channel these sub-energy particles in specific flow patterns. The motions of matter particles within atoms add to this flow structure. The same is true of the motions of atoms within molecules and the motions of molecules within larger scale structures. In the natural world these various motions are usually not aligned well with other such motions, so the flow patterns tend to cancel each other out, (except at very short distances) so the net effect at the larger scale is negligible. It is possible to align these motions with each other in specific ways and to control the dimensional sequencing of these alignments, etc. to generate and control many effects at various size scales that allow many new developments to be made. The ability to control these motions and the effects that they generate usually starts at the larger size scale motions and proceeds to the smaller scale levels, 1st with continual advancements in 4V Tech and then later with the development of and continual advancements in 5V Tech. As an example, the ability to generate alignments adequate to generate relatively strong magnetic fields can be done at a very early stage of development, but the ability to accurately align the internal motions of all of the matter particles within a larger scale structure with each other generally requires 5V Tech. The same applies to the ability to dynamically vary this alignment and its dimensional directionality, etc. As an example, it is possible at a relatively early stage of development to align magnets with each other in specific ways in a device that allows them to be rotated

such that they develop a large scale sub-energy flow pattern that transfers kinetic energy from the surrounding environment back to the device to maintain its rotational motion, so that it can power an electrical generator, etc. It takes a greater level of ability, however, to create an alignment within a large scale structure that can be dynamically rotated or sequenced within that structure (without any large scale motion) to generate a similar, but much greater amplitude sub-energy flow that can extract kinetic motion from the surrounding environment and use it to propel the large scale object through space at a great velocity. Another useful example of the application of SF Tech is phased joining. It is possible to structurally phase the motions within 2 objects so that the normal sub-energy fields that would cause the two objects to repel each other at very close range are not present in the direction of their joining, so that 1 object can be placed into or passed through another object with effectively no resistance. As an example, you could easily stick a wooden pencil through a solid hardened steel bar. Depending on how the phasing was done and how it was later withdrawn in the two objects, you could end up with a solid pencil extending through a hole in the solid bar, a part of the pencil joined to one side of the solid bar and another part joined to the other side of the bar, or a complete interconnection of atoms of the pencil and the solid bar in the area of their structural overlap or joining. This process can be used in materials doping, structuring high density memory devices, and even in minimizing structural damage during surgery by eliminating incisions, etc. SF Tech can also be used to generate various types of shielding fields. If you are riding in a fast moving vehicle and it hits a concrete wall head on, you would tend to keep moving forward in the vehicle until you hit the front inside of the vehicle, likely causing great injury to you. To avoid this the vehicle could be outfitted with a variable strength sub-energy field generator, so that when you started to move forward after the generator controller detected the vehicle impact a variable field would be generated that would increase in strength as you moved farther forward in the vehicle that would slow your forward motion down and eventually stop it. As you approached a stop condition, the field would be dynamically reduced to zero just as you came to a stop within the vehicle, so it would not cause you to rebound back toward the rear of the vehicle. Bubble field shielding could be used to protect 1 from atmospheric content, pressure, temperature, or impact hazards, etc. These are only a few of the possible applications that together make up Structured Field Technology. As 1 progresses into more advanced levels of 4V Tech and then enters into and progresses further into 5V Tech the number and complexity of such applications that become available increases.

4V Tech
The 4th vector motion generates the frequency, wavelength, and dynamic mass effects in energy photons. It also produces somewhat similar effects in matter particles. Advancement in this technology produces changes that are more expansions of current abilities than the vast sweeping new way of life that is brought about by 5V Tech. In the same way that the development of large sailing ships allowed the expansion of man's abilities to include the colonization of North and South America, 4V Tech advancements will allow man to build ships that will make it possible for him to colonize the moon, mars, and other places in the solar system. It will also allow the possibility of colonizing planets around nearby stars. This expansion can greatly reduce man's worries about over population on this planet. Although relatively small ships will be able to make the trips to most places within our solar system, trips to other local stars will generally require larger ships (they could contain small ships for use at the destination). This is because although 4V Tech can allow ships to extract large amounts of kinetic motion from their surrounding environment (when the ship is near a star like the sun), there are vast areas between stars that contain very little kinetic motion that can be easily accessed through this technology. As an example, if a ship could go even close to the speed of light, it would take over 4 years to travel to a star that was 4 light years away. Such a ship could easily gather the needed motion to get it up to speed while it was near the sun, but would need to be able to store most of the energy needed to make any course corrections or other maneuvers and would also need to store the energy necessary to support the lives of crew members and ship operations, etc. during most of the trip. This could be done, however. At this level of advancement the mindset of the civilization would be more likely to desire to destroy any advanced life forms that were found on such planets and take over the planet for themselves than to work together for the benefit of both

groups. Such ships arriving at an already populated world of relatively advanced creatures would not likely have the ability to easily destroy such a civilization and take it over because they would be vastly outnumbered and if weapons powerful enough to do so were available the planet would be greatly damaged in the process. It would be likely that a tactic would be adopted that would be more like the way the European settlers treated the American Indians. They would first come in peace and offer things to the local population that would seem to be very attractive, but would not transfer any real knowledge or abilities to them in return for the things that they would need to build their colonies. They might try to convince the locals that their population was too large and needed to be drastically reduced and try to convince them to participate in unhealthy and destructive practices that would make them less likely to have children and would encourage the development of diseases in them and any children that they had, etc. They might try to encourage the locals to kill their unborn children for trivial reasons such as not feeling ready to have children, etc. They might set up an economic system that would hire locals to work for them, but often require them to move far from their homes and families to get the jobs and work long hard hours for low pay in order to destabilize their social structure. The goal would be to break down the local's civil structure to make the locals more and more dependent on them while at the same time giving them less and less support and requiring more and more from them to completely break down their ability to control their own lives. The system would be set up to get all of the locals deeply in debt and then use that as a reason to take away their property, etc. Forced moves to places with worse and worse living conditions would ultimately cause the death of many locals. Ultimately most locals would die although some might be kept alive as slaves to do those things that no one else would do. The moral of the story is that if others come to your planet in large ships and offer to do great things for you, be very much on your guard and make sure that they actually share their technology with you, so you can be brought up to be equals with them. It is always better to be given the information and ability to make something that you want for yourself than to just be given the thing that you want. The first makes you less dependent on others while the second makes you more dependent on the 1 that gave it to you. As an example, it is good if you are given the ability to make small computer tablets (trinkets) that allow you to access large amounts of your current information, but it is much better if you are given the information that you need to allow you to support your current and growing level of population and to accomplish your next needed level of expansion, etc.

5V Tech
The 5th vector motion generates the 3 dimensional curved enclosed path for a photon that converts it into a matter particle. The acquisition of 5V Tech greatly alters life from what you currently know it to be. This is primarily because it mostly eliminates the size and velocity limits that man is currently subject to. Increasing the 5th vector velocity of a matter particle increases the curvature of its enclosed path, which has the effect of making it smaller. If you can learn how to do that and at the same time increase the particle's 4th vector velocity, so that its 4th vector wavelength remains within the structural limits that allow the particle to remain stable, you can decrease the size of objects greatly. There are a few problems that need to be overcome, however, to allow you complete freedom in this regard. The 1st problem is that it requires the transfer of motion to the matter involved in order to increase its 4th and 5th vector velocities. At first this is no problem, but a point is reached at which the frequencies of the matter become too great and the wavelengths too small to allow it to interact any more with our much lower frequency and longer wavelength matter particles and energy photons, etc. This point is known as the structural disconnect point. At this point the matter is effectively disconnected from what we currently call the universe and would seem to be stuck there with nowhere to go. Luckily (if you believe in luck or by the plan of the maker of this whole universe if you don't) there is what is known as the structural overlap. It is an area of size such that when an object exists within that area, it can interact with both the structural level that it is leaving and also with the next level that it is entering into. Visualize being smaller than our matter particles and at the same time being larger than galaxies in the next level. It just happens by chance (if you believe in chance) that as you get near the point at which you can no longer access an increase in motion from our level, you begin to be able to access motion from the next higher

frequency and shorter wavelength level. This motion can be used to pull you up into that level and is sometimes called the structural pull-up. This complete process is called a 5th vector structural transfer and it can completely change how you live when mastered to a great degree. Of course, the same thing can be done on the other end of the spectrum by decreasing the 5th vector velocity so that the matter particles become so large that they can no longer interact with our level of structure and then use motion from the next larger level of structure to pull up into it. Once you have this basic level of understanding of the tech, some of the possibilities of its use should begin to be obvious to you. As an example, if you can align all of the internal motions within your matter particles and then begin a 5th vector transfer to the next larger level and then when the motions of your particles are located in a specific place in another galaxy where you wish to go you reverse the process to bring your particles back to their previous size before you began the process, you can travel to another galaxy in a very short time. Of course, the process is not limited to traveling great distances. It can be used just as well to travel to your friend's house down the street. Let's say you want to talk to your friend on the other side of town. You pull out your pocket communicator device and dial his number. If he is in a position to receive you and wants to talk to you also, he answers the call. His answer sends a signal to your communicator that initiates the transfer and instead of just talking to him over a phone you are actually there with him. But, what if you are cooking a sauce on your stove that must be stirred to prevent it from burning? No problem. You just select continual transfer mode and you will continue to transfer back and forth between your kitchen and your friend's house at a fast enough rate that it appears to you that you are at both places at the same time. You can then talk to your friend while at the same time you stir your sauce on the stove. Of course, you should tell your friend what you are doing at home, so he will know why you are waving your hand around in the air. As you can see, there would no longer be a need for roads or for the most part any need for vehicles. Since you could then work on the size scale of individual matter particles, you could study and much more easily understand how living creatures work. You could then build interfaces to them on the scales of their atoms and molecules, etc. This would allow you to tap into their sensual networks and see and also sense in all other ways what they sense. You could even look at their memories and thoughts, both as they occur and as they are stored within them. One thing that should be unsettling to you is that you could also gain the ability to control their actions (what they would say or do, etc.) and you could even pass on information to them that they would think that they thought of themselves (this limits the concept of man steering the future). Of course, if they were advanced enough, you could just let them know that you were there and pass the information to them as part of your communication with them, so they would know its source. This kind of close relationship with other creatures should (and would in any truly advanced creature) give an appreciation for the great value of each different life form regardless of its level of structural complexity because as you try to look at the world through the eyes of other creatures, you find out that it is not possible for you to do that because of the vast array of different sensual mechanisms that exist and the fact that you possess only a very limited few of them. You are left with attempting to convert their sensual inputs over to yours in some way, but you soon realize that you do not really observe it in the same way that the other creature does. Even when the input is similar to yours you can find yourself lacking. As an example, if you try to hear the world through the ears of a dog, you find that you can't hear the high frequency sounds that it hears. You can use a device that picks up those sounds and converts them into sounds in the range that you can hear, but the dog hears them as distinct sounds separate from the range that you hear them in and if there are also sounds present in the frequency range that you have down converted them into, those sounds mix with the down converted sounds to you and can be confusing, etc. Also, how do you convert a sensual input that senses magnetic or electric fields or other sub-energy flow patterns, etc. in a way that you get a true feel of how they appear to the other creature. This means that each creature sees the world in its own way from a different viewpoint than any other creature sees it. 2 things can be easily seen from this experience. 1st, even those creatures that may seem to be very simple can often be very useful for specific purposes because of their ability to observe things in their unique way. 2ndly, advanced creatures' unique way of looking at the world may allow them to consider and comprehend concepts that you might never think about because of your lack of ability to observe things that they can observe or to interpret them in the way that their minds

work. This can be the case even if you are generally greatly ahead of them in other abilities. Because of this learned appreciation for the value of other living creatures and because you have a great freedom to move anywhere you want to go, so you can easily expand your civilization to places that don't require you to displace existing living creatures, when you do decide to include a populated world in your civilization, it is generally because you see the possible value of including the creatures in that world, or at least some of them, as contributing members of your civilization. I would next look at how expansion of such a civilization might look and what is beyond 5 V Tech, but I'm out of space in this paper.