
Beyond Bullets: The New Battlefield of Information and Influence

Lamri Hakim^{1*}, Menad Icherak², Ouali Sabrina³

¹Yahya Fares University of Medea, Algeria, * hakimlamri43@gmail.com
²Yahya Fares University of Medea, Algeria ³ menad.icherak@univ-medea.dz
³Yahya Fares University of Medea, Algeria, sabrineouali01@gmail.com

Received: 13-07-2024

Published: 03-12-2024

ABSTRACT:

This paper aims to study the threats posed by fourth- and fifth-generation wars to the security of states through cyberspace. The technological revolution has led to the emergence of many challenges and threats in various fields, affecting all aspects of life and making the world a smaller place. In the 1980s, many studies aimed to provide a new perspective on the changing nature and form of warfare, leading to the emergence of fourth- and fifth-generation cyber wars. These wars are no longer traditional wars with clear parameters and dimensions, but have become a battlefield in which all parties participate.

Keywords:

Blue space, rumours, hybrid warfare, psychological warfare, , propaganda

1. INTRODUCTION

War is an old human sensation that is related to the start of human presence in the world as male battled nature, pets and after that his fellow human beings in order to maintain life and also survival.

Battle has actually transformed plus established in regards to the area, strategies, devices coupled with impacts because of human growth as well as the details changes that transformed the attributes of numerous elements of life, however despite this adjustment the inspirations of battle might coincide from its creation to today, consisting of financial, political, social coupled with ideological, yet the battle shows up in a merging kind fixated making use of pressure of all kinds to urge the adversary as well as attain the wanted rate of interests.

The outcomes of battles specifically planetary ones have actually mounted the map of global equilibriums together with specified the functions of the fantastic powers for every single amount of time symmetrical to the altering functions of power from geographical benefits to tools dominance to details sovereignty as the globe today deals with several obstacles as well as consecutive political occasions, as there are several generations of battles, which have actually dealt with the globe throughout the historical ages which is a definite outcome of that initiative plus work of the capacity of the human mind for some leading cultures that look for to accomplish their objectives together with passions at the expenditure of various other targeted nations and also their threats boosted after the development coupled with spread of electronic digital details together with interaction websites as well as the spread of electronic information as well as interactions.

The 4th and also 5th generation battles are an item of culture's direct exposure to lots of generational battles that have substantially influenced the method of improving the techniques as well as devices made use of to ruin nationwide safety and security as well as intimidate its security as we see numerous scenes of physical violence as well as fear arising from the arrangement of numerous info via electronic social networking websites to accomplish this.

It is the straight system for managing the, whether a specific or a culture and also subjecting it totally to the determination of the adversary.

-Relevance of the subject:.

The value of examining the subject - hazards of 4th as well as 5th generation battles on the safety of states

- depends on the reality that it is just one of the contemporary subjects whose measurements have actually controlled the worldwide sector at the here and now time coupled with straight influenced the nationwide safety of states and also worldwide protection, we will certainly attempt to attend to the different facets of this subject with the following:

-Defining one of the most vital ideas associated with the subject of safety

-Identify one of the most crucial cyber dangers that intimidate the security of nations.

-Purposes of the subject:.

- risks of 4th as well as 5th generation battles on the protection of states with the internet

- intends to make clear the academic structure of contemporary generations of battles specifically the 4th as well as 5th generations of them, as the major objective of these battles is to portion along with divide states to develop stopped working states fed by mental war as well as reports to inhabit minds prior to land on top of determining one of the most crucial hazards dealing with the safety of states via the internet and also its ramifications for their safety and security plus security.

Problematical concern:.

To what level have modern-day war generation particularly the 4th as well as 5th combat generations added to the safety coupled with security of states via the internet?.

-Heritage:.

In our research study of this subject - the dangers of 4th paired with 5th generation battles on the protection of states with the internet - we adhered to both the historic strategy as the suitable method to map the numerous phases of the various generations of battles, specifically the contemporary ones stood for in the 4th and also 5th generation of cyber battles as well as the detailed method in making clear the principles pertaining to cyber combat.

2. The principle of cyber combat.

The technical change enforced several dangers as well as obstacles in different areas due to the fact that it consisted of all locations of life modern technology has actually made the globe a little town, as it is taken into consideration among the clinical applications and also like any kind of application it is a double-edged tool that has several advantages and also success as well as beyond has several problems because of its poor usage and also those that have innovation currently have the power and also control as well as via it the principles of battle as well as problem have actually altered.

2.1. What are the generations of war.

Non-traditional equipped battles have actually come to be much more common in the worldwide field specifically in the present period than ever, as the growth in the sensation of battle has actually caused its department right into various generations according to its historic growth.

Guerre in French as well as حرب in arabic Battle is among the coercive or injunctive approaches, linguistically called battling in between 2 teams, plus battle is pointed out in different thesaurus, as battle is the source as well as suggests the state of battle or the art of battle, plus in the Oxford Dictionary words battle suggests battling along with battle came unrelenting, indicating a strong battle in between 2 huge teams among which looks for to ruin the various other. (المحاسن, 2013, p. 28)

Battle is attended to in worldwide regulation as a slave of a political objective, as well as when describing what it is it shows up that it is just one of the ways of national politics to get some needs along with therefore battle is the utmost kind of human competitors, which resembles the procedure of advancement that takes its function amongst microorganisms in the type of an irreversible problem.

Where worldwide regulation scholars varied in specifying battle there is no joined interpretation thus far that can be introduced on battle, as Karl von Clausewitz specified it as: It is neither an art neither a scientific research; it is greater than that it is a type of social presence, it is a dispute in between significant passions resolved by blood. National politics is the womb in which battle expands in which the attributes at first created go away equally as the qualities of animals go away in their embryos (الواحد, 2021, p. 5)

Sorel specified battle as: A political activity embarked on by a state to safeguard its passions or legal rights when it has actually worn down all various other ways turning to armed force to show its stamina as well as its capacity to enforce its will certainly in protection of its passions (زينب, 2021).

While Cinder as well as Small built a measurable requirement for specifying battle, according to them: A battle is any kind of fight that causes the fatality of a minimum of one thousand individuals out ruling the indirect targets of the battle that might have passed away as a result of scarcity or condition, as well as it needs to have been prepared beforehand as well as revealed by a federal government or a government-like entity (ع. الوهاب ش., 2017, p. 16)

In its easiest terms, battle is a dispute in between 2 celebrations each trying to flex the various other to its will certainly by readily available pressure. (الجبوري, 2022, p. 5)

2.2. Generations of Modern Warfare

Professionals in army scientific research have generally categorized battles right into generations according to the strategies, suggestions plus strategies made use of in these battles however they embraced 1648 as the start of the very first generation of battle as this year saw the finalizing of the Treaty of Westphalia, which developed the introduction of the modern-day country state which developed the authenticity of the workout of pressure as a global star, Thomas Hams thinks that the vehicle drivers of adjustment depend on the advancement of political, financial along with social frameworks that played an essential function in these communications in between generations. (كامل, 2016, pp. 17-18)

2.3. Definition of Generation

In 1923, the Hungarian sociologist Mannheim created an extensive short article qualified The Problem of Generations which later on became a popular concept referred to as the concept of generations or the sociology of generations Mannheim separates generations according to the occasions coupled with social sensations connected with the births of that duration as those occasions solidified the features of those generations and also added to the development of their individualities. (زينب, 2021, صفحة 544)

Contemporary sociologists followed this strategy together with tracked the growth of generations as well as according to this category they separated the generations as observes:

2.3.1. Millennials or Generation Y:

This is the generation of people birthed in the duration from the very early 1980s to the very early 1990s as well as perhaps the mid-1990s.

2.3.2. Generation Z:

The generation birthed from the mid-1990s to the mid-2000s, around 2005.

2.4. Development of previous battle generations

The generations of battles before the appearance of 4th- as well as fifth-generation battles developed right into 3 generations as observes:

2.4. 1. The initial generation: Classic nation-state warfare

The First Generation is the name offered to the disputes of 1648-1860. 1860 where "" row as well as column"" strategies were adhered to, together with the battles of this generation developed the official society of army organizations as an outcome of business assumed on the combat zone which was complied with by the facility of a collection of army customs such as attires salutes and also command order, as well as counted on raids and also typical lightning battle strikes in between both warring celebrations, as well as with primitive tools making use of primitive rifles plus primitive cannons the system of dispute within the structure of the very first generation battles after that became combating in between 2 routine militaries. The system of problem within the structure of the initial generation battles after that became dealing with in between 2 normal militaries on a combat zone specified for combating and also the factors as well as clear goals of both celebrations which stand for 2 nations in order to regulate sources as well as land during. (ع. الوهاب ش., 2017, p. 7)

2.4. 2nd generation: Industrial Wars of Attrition

The technical growth in the commercial coupled with armed forces area mounted the functions as well as features of the 2nd generation of battles that started with the beginning of the Napoleonic Wars in Europe coupled with finished with completion of the Second World War, the growth that occurred in the methods of utilizing fire, its methods of forecast and also its devices such as containers and also airplane made it much more specific in regards to the capacity to create the best quantity of losses (العلي, 2019, p. 69)

2.4.3. 3rd generation: Maneuver Wars

Some specify this generation as PreventiveWar which was influenced by the concept of deterrent by question, a political-military concept that emerged in the United States of America after the collapse of the previous Soviet Union, and also clinically indicates a preemptive strike as well as waging battle versus every little thing that would certainly intimidate United States nationwide protection or globe tranquility and also the battle on Iraq is an instance of it once the American professional William Lind thinks that the Germans established this generation throughout the Second World War. (حسن, 2020, p. 10)

3. Specifying 4th as well as 5th Generation War in Cyberspace

Throughout the eighties of the last century numerous researches wanted offering a brand-new vision of the transforming principle plus kind of battles not to mention their future and also the name of Jonboyd showed up as the initially to determine these modifications as well as exactly how battles evolve, as his suggestions stood for the basis for numerous Western researches that mostly intend to strike

plus maintain nations as well as this is what Martin Krefeld discussed in his publication *The Transformation of War* that the enmeshed improvements and also modifications in the contemporary globe have actually developed brand-new generations of battles that caused the 4th plus 5th generation of battles.

3.1. Fourth Generation Wars

The 4th generation battles produced a measurable change in the generations of battles in regards to the area techniques as well as strategies although the exact same objective stayed as well as 1954 was the start of the battles of this generation combined with the Algerian War of Liberation plus the Vietnamese battle versus the French line of work of their nation.

The 4th generation of battles is based upon evasion documents plus structure big locations of theoretical together with social complications along with it is specific that the 4th generation battles are the greatest measurable change in the background of armed forces preparation given that the Treaty of Westphalia in 1648, since this brand-new generation of battles fairly or reasonably finishes the syndicate of the country to wage battles as companies, militias along with teams have actually come to be waging battles versus states, as well as the battle no more escape in between militaries just coupled with these battles were implied for the state that sheds its syndicate on physical violence plus dispute pressures, going back to problem designs that dominated prior to the contemporary state.

Political together with armed forces literary works suggests that the term 4th generation war initially showed up in the circle of conversations within the United States in 1980 along with after that slowly worked out years later on with a short article released by some United States Army policemen qualified.

The Changing Face of War: The Fourth Generation. Consequently it appeared like out-of-the-box reasoning or better to understandings than realities as it described damaging the syndicate of militaries on war coupled with returning to pre-modern war in regards to fight concepts as well as problem circumstances.

The concept of fourth-generation battles is generally pertaining to the political believed that has actually dominated worldwide considering that completion of the 1980s and also the disintegration of the Soviet Union the spread of globalization as well as its control over all locations of life, and after that the spread of the suggestion of "" modeling"" or "" molding"" in numerous locations of international life as well as the social area in the heart of that particularly. The spread of terrorism plus the battles combated by the United States in Iraq validated the nature of fourth-generation battles as well as their distinction from previous problem atmospheres although there are several resemblances in between the problem in Iraq as well as various other scenarios such as the American battle in Vietnam along with Afghanistan and also the Soviet battle in Afghans(2014، الوطن).

In 2006 guide "" The Ropes and also the Rock"" by resigned Colonel Thomas Hammes was released, which discussed fourth-generation battles, plus described that rebellion and

also preferred objections can beating the state from within, as they can strike the political, financial, social as well as armed forces network of the state, assault the minds of decision-makers coupled with beat their political will, while stressing that revolutions are tough to beat politically.

The phases that fourth-generation battles have actually experienced can be classified as complies with: (م. علي م، 2019، p. 19)

3.1.1. -Descriptive phase:

It begins with the US-Soviet dispute that arised from 1945 to 1991, which led to the autumn of the Soviet Union right into numerous nations, and also this phase took numerous degrees such as mental war, guerrilla war as well as exporting the concept of a stopped working state.

3.1.2. Experimental phase:

It starts with the shade changes that happened in Eastern as well as Central Europe as well as some Asian nations, where the individuals in these changes made use of relaxing resistance, objections coupled with presentations, with making use of a headscarf of a details shade or blossom as a sign, in Georgia, for instance, the pink change in 2003, in Ukraine the orange transformation in 2004 plus Kyrgyzstan in 2005 the blossom change along with in the exact same year the motion relocated to Arab nations so the change in Lebanon was called the Cedar Revolution as well as in 2007 the Myanmar resistance relocated what is called the Saffron Revolution while in Tibet troubles appeared in 2008 called the Crimson Revolution. (علي م، 2019، صفحة 18)

3.1.3. The figuring out phase:

This is the phase that the Arab Spring nations observed from 2011-2013 when the terrible Arab activity appeared concurrently in Tunisia, Egypt, Libya, Yemen and also Syria where the objective despite the slogans they lugged was to fall routines that are not allies of the United States of America.

The Arab Spring nations after that got in brand-new stages which are typically defined as advancing in order to accomplish far better republics (م. علي م، 2019، p. 19)

3.2. Defining Fourth Generation Warfare

Fourth-generation war was typically utilized by American tactical thinkers as well as coordinators at the end of the 1980s, as: A dispute defined by the decentralization of the structures or aspects of the combatant states by various other states.. (عربية، 2022، p. 469)

It is a battle of American beginning established by army professionals after the occasions of September 11, called Asymmetric Warfare or asymmetrical war which implies, according to Antonio Echevarria, an American armed forces specialist that it is: Those battles that rely on a particular kind of disobedience, in which abnormal pressures make use of all technical, political, financial coupled with social ways to compel the opponent

- which stands for a normal pressure - to desert its plan as well as critical purposes, which is that battle that is harassing plus functions to stop working the state coupled with after that enforce a brand-new fact that thinks about the colonial rate of interest at the expenditure of nationwide rate of interests as well as destabilization(66 صفحة، 2021، سلامة).

Fourth-generation battles are additionally referred to as "" fourth-generation battles,"" which are specified as not just making use of physical tools, yet additionally making use of online tools as well as Internet site. The threat hinges on the reality that they are abstract as well as unnoticeable, as well as we can not plainly recognize the opponent. They have numerous techniques for this such as social networking websites, as well as they additionally rely upon the visibility of people functioning alone based upon certain guidelines from a main company which is among one of the most harmful sorts of battles that aid spread out info and also reports as well as inquiry state organizations plus leaders. (حبيق, 2020, p. 117)

3.2.1. Factors adding to the introduction of fourth-generation battles

The 4th generation is an all natural suggestion that exceeds using typical war standards in social, intellectual, advanced, public as well as ideological battles, based upon info taken care of by globalization plus used by modern technology along with most of those curious about specifying the 4th generation battles have actually concurred that there are a number of variables that assisted the introduction of this kind of battle which are as complies with: (علي، 2022، ا، 1)

- Fourth generation battles came as an all-natural repercussion of the discoloration of the syndicate of states on army power, as militias as well as splinter companies have actually come to be proprietors of tools coupled with army power, and also in our globe today there are lots of instances of such pressures outside the developments of states, plus the Middle East area might have lots of such instances.

- Increasing financial intricacy as well as interdependence has actually brought about the development of safety and security dangers to the nationwide protection of states.

- The incredible growth of innovation, electronic details, coupled with expert system.

- The propensity of states to count on, identify and also sustain militias and also resistance teams to accomplish their objectives via transformations or terrorist procedures

-The use modern technology together with technical advancements to produce opposing patterns of point of view within the nations targeted by such battles, to harm the partnership in between states as well as their cultures, to wage mental warfare, and also to harm the mental spirits of individuals.

3.2.2. Characteristics of Fourth Generation Warfare

Fourth-generation battles symbolize a state of prolonged, multi-front war in which it is tough to distinguish in between combatants as well as non-combatants, soldiers and also private citizens, national politics plus war as well as are defined by a variety of attributes as adheres to

3.2.2.1 Social: The damage of the concept of the state for the appearance of a state of commitment to particular international societies throughout the globe typically gone along with by a weakening of social communication. The globalised globe is coming to be the perfect setting for these battles.

3.2.2.2 politically: These battles finished the state's syndicate on warfare, urged the re-emergence of non-state

entities such as people, ethnic teams as well as others, and also showed the crucial duty that publicity and also mental stress can play in affecting the basic instructions of decision-makers along with those that can affect them.

3.2.2.3. Military: The release of armed forces pressures no matter the political as well as geographical boundaries of bordering nations plus the primary goal of army activity is to get rid of the will of individuals as well as tighten up control over their political system and also terrorism is one of the most usual ways of accomplishing armed forces as well as emotional fatigue as opposed to the total removal of the state.

3.2.3. The methods made use

- The methods made use of in terrorism are one of the most usual ways of attaining army and also emotional exhaustion instead of the complete removal of the state.

These are the methods used by the components associated with the problem belong to the United States federal government, its Western equivalents its allies and also customers or jihadist as well as separatist teams.

These indicates are normally stood for by the following: (حسن, 2020, p. 19)

3.2.3.1. Digital media:

The media is one of the most effective tool of 4th generation battles particularly brand-new media specifically social networks, which has actually ended up being a brand-new digital dependency for countless the globe's populace plus a perfect ways of spreading out reports together with utilizing mental warfare widespread, magnifying little private blunders and also trivialising significant success plus triumphes.

3.2.3.2 Cyberspace:

Internet networks have actually added to the production of a high as well as fast mobilisation ability efficient in arranging objections as well as troubles guided by international knowledge solutions.

3.2.3.3 Terrorism along with armed militias:

Terrorism and also armed militias that use the State along with mobilising presentations under the semblance of peacefulness plus after that striking public as well as exclusive centers.

3.2.3.4. Psychological warfare with the media:

Using advanced mental warfare with the media as well as mental adjustment relying on phony satellite terminals that counterfeit pictures plus realities, as well as financing social networks websites to distribute deceptive details.

3.2.3.5. Playing on ethnic as well as sectarian stress:

provoking ethnic or spiritual minorities to rise, matching social courses versus each other and also utilizing all offered political, financial as well as social stress.

3.2.3.6. Influencing civil culture organisations and also militants abroad:

utilizing civil culture organisations as well as militants abroad depending on representatives as well as traitors in the target nation, placing them in the limelight or perhaps providing global honors to brighten their picture as well as offer them as significant numbers. (حسن, 2020, p. 20)

Based upon the above, it can be claimed that the term fourth-generation battles is made use of to describe the

efforts of Western nations, specifically the United States to control the nations of the Middle East together with attain their strategy to transform its map right into a "brand-new Middle East" making use of modern-day techniques that do not consist of the real line of work of regions as well as straight experiences with normal militaries, however rely primarily on info battles and also the spreading of reports along with making use of paid teams to perform high quality procedures on the ground.

Additionally the raised use social networks has actually been gone along with by the development of a variety of unfavorable sensations connected with fourth-generation battles such as the misshape of truths, the spreading of reports, plus using electronic interaction area by terrorist organisations to hire as well as bring in youngsters in order to target the state framework coupled with destabilise political systems.

The devices of mental warfare have actually additionally advanced as an outcome of technical growths in interaction as well as infotech techniques as well as methods and also these techniques have actually crystallised right into functioning to ruin the systems

"These battles target people coupled with look for to adjust their assumptions and also stimulate their discontentment with the condition in order to damage the authenticity of existing federal governments as well as systems of administration, and also to test the reputation of typical media by fomenting social stress as well as advertising extremist plus ruinous suggestions By stimulating social stress advertising extremist together with damaging suggestions, spreading out reports coupled with phony information the threat of which is enhanced by the reality that the receivers of the reports that assist spread them are not adversaries however normally great people that have actually been fooled and also developed into devices for duplicating and also spreading out exists without recognizing that they are target.

The supposed Arab Spring was a clear instance of 4th generation battles that targeted all Arab nations making use of various devices in each instance as an example, the militias were utilized in Libya in addition to in Yemen where the Houthi terrorist intrigues, while the tool of reports was utilized in nations that are challenging to target straight such as Saudi Arabia along with Egypt, and also the level of prominent influence on these battles differed according to the level of recognition of these conspiracies, so recognition is the wall surface of support coupled with the starting point of protection versus these non-traditional battles.

4. Fifth generation battles;

Some individuals believe that the battles of the human race have actually gotten to the supposed 5th generation battles which rely on producing inconsistencies in between the authority as well as culture in a nation by utilizing all implies. One expert claims that the 5th generation relies on "inhabiting minds not land as well as after inhabiting minds, the inhabitant deals with the remainder". It utilizes unarmed physical violence making use of armed ideological teams arranged contraband gangs and also little organisations. To produce interior battles differing in

between financial, political as well as social with the objective of draining pipes the targeted nation and also subjecting it to inner disputes along with along with fierce exterior hazards.

4.1. Defining the principle of 5th generation battles:

From the area of 4th generation battles the idea of 5th generation battles arises a lot to ensure that the American teacher Max Mayering in a public lecture, plainly resolved the 5th generation battles by summing up their interpretation as adheres to It is battle by browbeating, state failing, destabilisation and after that the application of a brand-new truth that thinks about America's rate of interests.

Hammes likewise defined it as: Network as well as airplane warfare, as details networks offer crucial knowledge on the devices as well as sources required to carry out terrorist or reconnaissance procedures and also are a crucial methods of hiring independent volunteers, while airplane supply an economical ways of traveling plus tools smuggling. (زينب، 2021)

It is likewise referred to as crossbreed war, a battle without boundaries in which minds are inhabited prior to land including terrorist organisations together with guerrilla warfare in which disputes rely on little systems educated within the restrictions of their corresponding purposes. (زايد، 2019، p. 3435)

It is called soft battle since it is among the types of battle intended beforehand by the striking nation in order to protect its passions coupled with nationwide protection as well as it intends to affect concepts, propensities plus worths that are shown in the practices of culture in the target nation to threaten the political system and also press it in the direction of civil noncompliance, making use of mental, political plus safety techniques along with strategies to transform the concepts plus objectives of participants of culture at numerous neighborhood, nationwide and also global degrees without making use of army clashes. (الزين، 2021، pp. 10-11)

4.2. Causes of 5th generation war:

Thomas Hammes explains that the start of the condensation of the principle of 5th generation battle was the outcome of numerous political, financial, social together with technical aspects as complies with: (ع. الوهاب ش، 2017، pp. 13-14)

4.2.1. Declining syndicate of pressure:

The start of 5th generation war is related to the decrease of the state's syndicate on making use of equipped pressure. Terrorists as well as arranged criminal activity gangs depend extra on charming management than on institutional variables as well as sometimes on global ideological commitments.

4.3. Overlapping methods of battle:

The expanding web link in between financial problems as well as protection dangers as an outcome of boosted interdependence in the worldwide economic situation, which has actually made some financial concerns, such as the disruption or termination of manufacturing of fundamental assets a resource of risk to nationwide and also global protection.

4.3.1. The increase of alternate commitments:

Globalisation plus ICTs have actually caused the propensity of some people to move their commitment from the state to commitment to particular reasons, and also a number of them have actually come to be much more affixed to what is elevated on the web at the expenditure of respecting the genuine problems of their cultures coupled with the resource of the danger right here is that several of them have actually ended up being prepared to welcome extremism as well as usage physical violence as a way of sharing their viewpoints, also without a sensible evaluation of the consequences of their activities.

4.3.2. Increasing technical growths:

Technological growths, specifically in the areas of expert system, "" additive production"" as well as nanotechnology have actually boosted the capacity of equipped non-state stars as well as personal people to obtain the devices required to perform battle.

4.4. Means as well as devices of 5th generation war

Numerous research studies concur that there is a merging in between the devices of 4th and also 5th generation battles, however a few of these devices can be counted as adheres to: (زاید، 2019، p. 3439)

4.4.1. The Internet:

Its significance arised with the start of making use of electronic social networking websites whose individuals quickly trade as well as share info coupled with concepts specifically after the spread of programs with the ability of deceptiveness, montage as well as falsification, taping discussions and also adjusting audiovisual ways focused on rescinding popular opinion.

4.4.2. Digital social networking websites:

They have actually gone from being devices for interaction, home entertainment as well as discussion administration to being devices that armed as well as extremist terrorist companies depend on and also utilize to misinform the minds of customers specifically young people to hire them and also intimidate nationwide safety and security capitalizing on their absence of expertise as well as capacity to confirm the credibility of the details offered to them, as a result of their convenience of usage as well as affordable plus as a way of enabling flexibility of expression such as Facebook as well as various other websites.

4.4.3. Digital social networking websites:

They have actually gone from being devices for interaction, amusement along with discussion administration to being devices that armed as well as extremist terrorist organisations depend on along with make use of to misguide the minds of individuals specifically young people in order to hire them and also intimidate nationwide safety and security, making the most of their absence of understanding as well as capability to validate the credibility of the details offered to them as a result of their simplicity of usage as well as affordable plus as a way of permitting flexibility of expression such as Facebook as well as various other websites.

4.4.4 Media:

The most effective tool, specifically after its suggests have actually developed from releasing papers to making use of web sites to share info with electronic methods of interaction using the Internet to share details in different areas either for or versus the state system.

4.4.5. Terrorism:

Terrorism is thought about among one of the most effective tools made use of to damage nations as well as their sources press them right into inner battles and also tire their military, safety as well as individuals in time. Terrorism is additionally considered as a way of calculated physical violence and also requiring others to embrace suggestions forcibly with the objective of producing worry amongst participants of culture as well as harming spirits, which intimidates the life, safety and security as well as security of every person.

Conclusion:

The subject - dangers of 4th along with 5th generation battles on the safety and security of states with cyber room - is just one of the subjects that have actually obtained one of the most interest because of their overlap with each other, and also since their major objective is to inhabit minds prior to land, making use of devices and also suggests various from those recognized in previous generations of battles to ensure that they are called cyber room battles or cyber battles, which brings about the fragmentation of states plus their department right into states to promote their succeeding line of work.

Among our searchings for:

There is no normally approved idea of cyber war or cyber room battles as numerous professionals in their description of cyber war see it as a calculated battle in the info age, equally as nuclear battle remained in the twentieth century to make sure that this meaning functions as a basis for claiming that cyber war is of much better value to nationwide protection together with includes competitors in non-military locations such as business economics, polite as well as social growth.

- One of the characteristics of cyber warfare is the inability to distinguish between civilian and military targets in cyber warfare attacks and the near impossibility of imposing international protection.

- These wars help to implement soft warfare tactics, propaganda and damage the morale of the warring parties.

In the light of what has been discussed, we have decided to make some recommendations, the most important of which are

-The development of a clear and binding strategy, policy and security for all those involved in the information industry and the management and production of means of communication, storage and processing of information.

-Adopting measures that make security an absolute necessity, especially with regard to the software and hardware used in communication technologies.

- Establishment of centres for information security and communication emergencies, which cooperate according to clear and transparent mechanisms.

-Qualifying special military security units to cooperate internationally with organisations working to combat, reduce and mitigate risks.

References :

- مركز النهي للدراسات .العراق وحروب الجيل الخامس. (2022, 02 13). ح. ز. الجبوري الاستراتيجية.
- جمعية المعارف المفهوم والنشأة وسبل المواجهة-الحرب الناعمة. (2021). م. ح. الزين الإسلامية الثقافية.
- العلي وع. ز. (2019). الصراع والأمن الجيوسياسي في السياسة الدولية -دراسة في استراتيجيات الاشتباك الرقمي. عمان: دار أمجد للنشر والتوزيع.
- الحاسن ول. أ. (2013, 01 15). الحرب وأهدافها بين الفقه الإسلامي والقانون الإنساني داسة مقارنة. مجلة أنثروبولوجية الأديان. pp. 23-43 ,
- الواحد وص. ح. (2021). رسالة ماجستير. حروب الفضاء الإلكتروني-دراسة في مفهومها وخصائصها وسبل مواجهتها. العلوم السياسية، عمان: جامعة الشرق الأوسط.
- الوطن، م. د. (2014, 10 10). الجيل الرابع من الحروب .أبعاد وانعكاسات وتحديات . Consulté le 01 23, 2023, sur <https://www.nationshield.ae/index.php/home/details/files/%D8%A7%D9%84%D8%AC%D9%8A%D9%84-%D8%A7%D9%84%D8%B1%D8%A7%D8%A8%D8%B9-%D9%85%D9%86-%D8%A7%D9%84%D8%AD%D8%B1%D9%88%D8%A8/ar>
- الوهاب وش. ع. (2017, 11). حروب الجيل الخامس-التحولات الرئيسية في المواجهات العنيفة غير التقليدية في العالم. سلسلة دراسات المستقبل، المستقبل للأبحاث و الدراسات المتقدمة،
- حبق وي. م. (2020, 12). دور القائم بالاتصال في الصحف المصرية في مواجهة حروب الجيل الرابع-دراسة ميدانية. المجلة المصرية لبحوث الاتصال الجماهيري .
- حسن وج. م. (2020). حروب الجيل الرابع وتوظيف الميليشيات والمترقة. فلسطين: مركز بيت المقدس للدراسات.
- زايد، د. ع. (2019, 12). برنامج في التاريخ قائم على أدوات حروب الجيل الخامس لتنمية مهارات موثوقة للمعلومات والاتصالات الرقمية لدى طلاب كلية التربية ومدى تأثيره على اتجاههم المحملة التربوية .
- سلامة، أ. ع. (2021). برنامج مقترح في الدراسات الاجتماعية قائم على أبعاد ومخاطر حروب الجيل الرابع لتنمية قيم الهوية الوطنية لدى الطالب المعلم. رسالة ماجستير. القاهرة، قسم المناهج وطرق التدريس -كلية التربية، مصر: جامعة عين شمس.
- حروب الجيل :التحديات الالاتمائية في الفضاء السيبراني. (2022, 06 12). ب. ر. عربية pp. 456-477, دفاتر البحوث العلمية. الرابع نموذجا
- علي، و. (2022, 01). مستقبل العالم. نمط حروب الجيل الرابع والحرب الالاتمائية . Consulté le 1 23, 2023, sur <https://elaph.com/Web/NewsPapers>
- دار الوفاء لدنيا :الإسكندرية. حروب الجيل الرابع وجدل الأنا والآخر. (2019). م. م. علي الطباعة والنشر.
- فريح زينب. (2021, 5 15). أجيال الحرب: دراسة في محددات تطور الأجيال الخمس للحرب. دفاتر السياسة والقانون ، الصفحات 542-555.
- دار الكتاب العربي :دمشق بالحرب بالوكالة -حروب الجيل الرابع. (2016). م. كامل