

## The role of new technology in preventing forgery

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**Abstract:** Entering the era of information technology and communication as a "revolution" is mentioned, all areas of knowledge is affected; So that a new space called "cyberspace" has been formed and thinkers and to all users of space are trying to resolve issues related to electronic interactions in the same space. One of the issues "sign electronic documents" is. In addition to the benefits of a computer that arose in the period, this phenomenon leads to abuse like any other PdydhY AstfadhY some also provided. In such circumstances, a plurality profiteers seeking to take advantage of this technology to their evil objectives sought with regard to the benefits and privileges JlvhHay new computer crime are put into the land region. Prevention of forgery, one of the main concerns of the public and non-public in general and the judicial system, specifically the security and law enforcement. In an overview of how the crime of forgery by the developments emerged in the field of science and technology in all aspects and levels, was evolving and the entrance of new developments has created police system, For the crime of forging a ladder to gain access to other crimes exist and therefore was of paramount importance And strongly requires the application of scientific capacity available in the world as the primary means of preventing and tackling governance in general and specifically the police. To succeed in this important mission should also specify and explain the application of security measures in the construction documents and difficult to identify and provide the user Jalyn. In this thesis, then the challenges that new technologies for traditional ceremonies record created, will be emphasized The rules and principles of registration, rather than changing or distorting the truth, you have to think about accommodating both traditional and modern systems of records, documents and signatures.

[Sadegh fatili, Fazel Sendi, Hossein Hayavi, Hadi Reza poor. **The role of new technology in preventing forgery.** *Nat Sci* 2016;14(8):79-87]. ISSN 1545-0740 (print); ISSN 2375-7167 (online). <http://www.sciencepub.net/nature>. 12. doi:[10.7537/marsnsj14081612](https://doi.org/10.7537/marsnsj14081612).

**Keywords:** forgery, technology, penalties, document, electronic record

### Introduction

If we want these technologies sphere of influence extended only to society and culture, we will certainly look to technology have not comprehensive and law enforcement officers in the pursuit and punishment of offenders and abusers of human rights to be easy. In the meantime, according to the document as an Evidence is important.

Document is recorded information, including text, audio and video created by the natural or legal persons and is worth keeping. By definition the Iranian Civil Code Article 1284, document, script that is invoked as a defense case.

Any written document, but not any written document, as Article 1285 of the Civil Code, the document Ndansthast statement. Means a document in a given culture Encyclopedia reads: writing that is reliable, stamped and signed by a judge and sentence and Czech kings and written manuscript and give it to someone their civilian jobs. Moshiri culture and documentary evidence as well as what is considered to be reliable.

In terms of Islamic jurisprudence, hadith narrators a document to say.

The legal validity of official documents and non-paper documents are divided into two categories. Provision of employment and also Brabrmadh

ordinary document other than the documents mentioned in Article 1289 of the Civil Code 1287 and other documents it is normal.

In other words, the normal document is an unofficial document on behalf of individuals without the involvement of officials is not regulated and subject to certain formalities such as offices and commercial documents (other than the offices of the official documents of conditions) as journalize, the Office of Finance and the Office of .

But today the official documents as well as the laws of the modern countries of the world are divided into two categories. Normal official documents and official electronic documents.

and punish them.

With the advent of electronic official document, Fransvy-Ha reputation in this field in the world were special because they have so much to offer innovative benefits will be. Since the emergence of electronic signature technology, academics and lawyers French official electronic document that is By-Nzyr all over the world, creating.

Progress of human science, technology and new tools of human culture and civilization stems and spread of new technologies gives the Tht-Alsha communities.

The shift change human tools and methods to be followed brought new problems for society to have delivered.

### **Statement of the problem**

Prevention of forgery is one of the main concerns of governments and nongovernmental organizations (in general) and judicial systems, security and police (in particular) is. In an overview of the crime of counterfeiting practices, emerged as a result of developments in the field of science and technology in all aspects and levels, is evolving. In this study, we tried to focus on increasing the safety factor and applying the necessary security factors in making documents, situational prevention of falsification of documents to be studied. Security factors making Asnadshaml paper, ink, design, printing binding materials are attached. Accordingly, in every part of Fnavryy-Hayy at increasing the safety factor in making the documents have an impact is explained.

### **Specific needs of research**

The crime of "forgery" in fact guilty of forging a common type of offenses against the security and general well-considered, which can affect public security and the fact that the progress of science and knowledge, tools and equipment, distorted the documents forgeries the documents put, it is essential that interacts with operating the equipment and scientific methods for identifying forged documents stride. In fact, using scientific discovery in detecting forgery offenses can be realized.

### **Definition of terms**

#### **forging documents**

Criminal laws, including the Penal Code, acts that distort the contents and the contents of the documents, writings or their signature, crime and as a "hoax" and for which punishment has been awarded to it. For a definition of the crime, its methods of punishment and how to recognize fake documents, the following points are essential.

1 - crime, forgery, counterfeiting a fraudulent document or change a document that is written or posted to the detriment of another. Therefore, any change is not a hoax. But changes must be deception and causes harm to another.

2 - forger, by definition, that the alleged forgery, the forger someone who cheats and tricks, document or script changes to this change does no harm to others.

3 - the crime of counterfeiting, with advances in technology have changed the way crimes including mass fabrication. Today, the document such as a birth certificate or passport, forging is not only a crime, but there are different methods that can be a written document forgery. Some of these methods are as follows;

The seal or signature persons, Czech, Pending, lease and similar documents must be owned by persons to whom this document is to be signed or stamped. In this way, the forger forging the signature and stamp of the person, then the document is forged at the expense of the owner of the documents.

Scratching or scraping; in this way, using a tool such as a razor or knife forger, numbers or words written changes. For example, from 3000 to 2000 converts the amount of one Czech.

Accession; in this way, is not necessarily a sentence or phrase into a text, but also for the crime enough to insert a number. For example, if the number becomes 3000 to 30000, forgery offense has been realized.

Paste; in this way, signature or seal of a post cut and paste or attached to other posts.

4 - or written document, official documents, such as birth certificate or certificates, ordinary documentary, educational encyclopedias, judgments, seal or sign the public or private companies, bills and checks issued

Any written by a bank or other harm that could be changing, forging capabilities and can be exploited.

5 - How to recognize a forged document: The definition of the crime of forgery, changes in a document have to harm to others. Referring losses person to court and file a complaint of forgery, court official experts uses. Experts with a detailed review of the document, its contents or signed or stamped, forged or recognize its legality.

6 - Punishment of counterfeiting, according to the Penal Code, for forgers, imprisonment is prescribed. For example, the Punishment of counterfeiting judgments, seal or mark corporations or government departments, or Czech bank notes 1 to 10 years in prison, forging qualifications 1 to 3 years in prison, forging a seal or a sign of non-public enterprises 3 months to 2 years imprisonment.

And if the employee or government authorities or judicial forgery offense, the punishment will be more than normal people.

### **Penalties**

Punishment of counterfeiting the court does not suspend the execution of the accused, forced to endure imprisonment and a fine will be determined. Birjand judge said forensic scientists, public criminal law and criminal law in general criminal law division that specialized in criminal law, crime in the third section, crimes against persons, crimes against property or property and offenses against the security and general well-being analyzed and investigated. claiming forgery in official deeds to prove it, well, no harm, external realization that in reality, losses have to be met, but the possibility of a loss will suffice. he wrote remove or otherwise not stated by the plaintiff or the

defendant may be guilty of bad faith if the purpose of fraud and forgery is spiritual. Forging his computer from other forms of counterfeiting, he said the possibility of forging material or spiritual fulfillment through unauthorized access to data and software, change or fade or accession computer data is possible. He forgery in writing or document, the stamp or signature of the persons, scratching or scraping texts of documents, annexed or attached word or phrase as being those of forging documents called and said erase, eradicate and obliterate the mark invalid or warrant the document on document, record own words, contrary to what is said and to apply seals and engraved it on another without the permission of its owner or a written document from the other titles and examples hoax., malice or criminal intent, that wisdom is subject to the illegitimacy of their sins. According to him, any material element of the crime committed, including the verb is sometimes positively will be realized. Such as the Heart Truth (upside down) in a post on the predicted value and authenticity to a negative act or omission in the law that sometimes can be fulfilled. This method is common in forging spiritual or provisions eg author, part of the person to deliberately not write or delete statements. "T." pointed out by experts of different methods for detection of forged documents, there are forging material gain or spiritual, or vice versa when incomplete statements to be written by one person can not be identified no expert and just using the other verifiable reasons is. His methods of physical, chemical and graphology to forge diagnostic methods, he said ultraviolet light to observe changes in the physical method or delete documents written or pen and diagnosis Lvmyas (yarn money) Czech and funds are used. He said infrared radiation for diagnosis or detection of falsified signatures time in half-burnt documents (entries that are highlighted in gray) is used. He continued: In the chemical method for detection of linear homogeneity of two samples of a document from test "TOEFL analysis" for the appearance of signs or lines on the birth certificates or official documents written with ink used to test potassium Svlfvsyar light. He psychology and signature line, said line and signed by graphology or psychologist can see that every person who signed under normal conditions or under psychological pressure or coercion document is signed. Stating that the offense of forgery is unforgiving crime, said the private complainant satisfaction, forger from prosecution and punishment does not exempt, plus penalties for counterfeiting offenses shall not be suspended and the court does not suspend the implementation of the Punishment of counterfeiting and being forced to endure imprisonment and a fine will be determined. He noted: Punishment of

counterfeiting, depending on what type of document to be forged, falsified signature or seal of the person or the person or persons falsified by what is different and the legislature in detail in the Penal Code it.

For example, a virtual one to three years in prison for falsifying academic records, but if a government employee or municipalities or institutions of the Islamic Revolution violators will be sentenced to the maximum penalty. According to Article 757 of the Penal Code, he told everyone domestic or foreign currency notes or bank documents such as bills of acceptance issued by banks or Czech bank on behalf of banks and other binding documents as well as documents or securities year condemned.

### **Forgery and criminal penalties and new ways to prevent it**

#### **Fake**

#### **Article 6 of forging expression:**

Anyone is allowed to commit the following acts, the forger's and the imprisonment of one to five years or a fine of twenty million (000/000/20) to one hundred million rials (000/000/100) riyals, or both penalties will be sentenced:

A) change with the creation of reliable data or create or import the data into their fraudulent.

B) changes in the data or the symptoms of memory cards or processing systems or telecommunications or Trashh-Ha Rayanh-Ay or create or insert fraudulent data or their symptoms.

#### **Counterfeiting is defined in the dictionary rights**

Dehkhoda meaning of "forgery" and stated that "the, the, the, ugly Wield good, the converter, transform, ..." (Dehkhoda, Spanish Namh-Y Dehkhoda: Klmh-Y forging).

Doctor parsley Langueroudi meaning of "forgery" had this to say: "Fatah Jim: Means deception and hypocrisy and Vza situation and is meant forger, Hmh-Y they are meant to be intentionally and contrary to the fact, like a forged document and Skh-Y heart and the way they are."

to his own detriment operation or refuses to do it.

Canada and Australia also have rights similar definition in English law is defined.

In Iranian law, the material Islamic Penal Law 754 "Forgery" and stated: "Adulteration include: the writing or document or the seal or signature or scratching or scraping formal or informal parties or raise or accession or fade or prove or black pen or offering or delay Nvshth-Ay the document attached to the actual date or other Nvshth-Y or base layer are simulated using another stamp of its owner and so with the intention of fraud."

This matter of "counterfeiting" does not provide a definition but it has mentioned instances of counterfeiting also gets involved Not even the legal

elements for which the punishment does not explain why.

But legal scholars specific definition of "forgery" that Tkyh-Gah its limitations "fraudulent Heart Truth on the other side", he adds. The doctor Mir Mohammad Sadeghi to the definitions damaged stems.

Others "counterfeiting" as defined Nmvdh-And "Almanh-Y changed or written document to the detriment of another one of the legal means forging"

The waiter, French lawyer wrote in this regard: "forgery in the documents include document fraud caused losses to non in a way that is mentioned in the law."

Doctor Gldvzyan "forging" the emphasis defined as: "the truth on the other side of the heart Mtqlbanh-Y one of the ways prescribed in a written document or something else."

or else to the detriment of other "

Lawyers try Nmvdh-And the precise definition of counterfeiting offer and not as masculine.

Due to the differences in most cases these definitions in a few things in common:

1. Counterfeiting, the real highlight is unrealistic to fraudulently.
2. Thread the document is official and ordinary and attachments to them like stamps and so on.
3. The purpose of the fraud.
4. Should one of the ways mentioned in the law.
- 5 is to harm others.

It should be noted that these definitions are broad and narrow points of contrast that makes Dayrh-Y instances of fraud that wishes to refrain from dealing with it.

#### **Forgery-in-law**

My-Dand synonymous, now Ash is to say: the two have the same meaning and different cases in which a withdrawal is made from the material 754 of the Penal Code the notion that early substance, forgery and Bqyh-Y matter, is single-minded, yet there is no definition of counterfeiting in law.

other "

So in addition to the elements of the crime of adulteration Tuesday Ganh-Y other crimes such as legal, material and spiritual needs another pillar of the pillars of a loss that must be realized upon him not to be offended.

#### **Elements of the crime of adulteration**

##### **Legal elements**

The Islamic Penal Law, of 754 to 773, is guilty of forgery.

523 instances of adulteration express the material, but when the punishment not sanctioned by law for the crime of counterfeiting element can not be alone.

523 keeps the material decreed: "Adulteration include: the written document or the seal or signature or official or non-official persons, scratching or scraping or by using or append or blur or proof of either black or offering or delay or attached document history than to the actual date Nvshth-Ay to other Nvshth-Y or base layer are simulated using another stamp of its owner and so with the intention of fraud. "

In the above mentioned two types of counterfeiting is:

a. Forging common: the material 523.

B. Special counterfeiting: counterfeiting of bank notes in the material, such as 757 or 758 degrees in the material.

##### **Material element**

According to some jurists material element of the crime to physical behavior, circumstances and in crimes, with the result divided useful. The physical act of counterfeiting crime is divided into two categories:

1. Physical counterfeiting: the written text or document to be altered curvature in Article 754 of the Penal Code referred to is:

a. Forging a signature or seal or command or script decrees or government officials.

B. Counterfeit seals, stamps, punches, or mark one of the companies or institutions or government departments or agencies or public institutions, non-governmental Islamic Revolution or companies and non-governmental Tjart-Khanh-Hay.

C. Dadgah-Ha rulings or documents issued forging or Hvalh-Hay state treasury and punch or mark that is used to determine the grade of gold or silver It results.

D. Counterfeiting currency or foreign or bank documents or documents issued from treasury securities and Hvalh-Hay.

E. Forging qualification.

And. Forging official documents and other writings.

G. Forging official documents and Nvshthth-Hay.

H. Ks-Brdary of papers.

I. Forgery of medical certificates.

A. False certification.

K. The test to another place or another to take its place.

2. The forging material: It is not in this document forgery physical damage but also other materials that allegedly distorted to be entered in the document or written My-Nmayd: Article 534 refers to four emphasis:

a. Distorted by the terms of a written contract or document or official.

B. Altering or forging names of persons.

C. Correct the wrong or the right to cancel the painting.

D. Something that will not admit it, admit to painting.

The terms and conditions of counterfeiting should be noted: First, forging documents, is possible. Second, forging false documents does not apply. Thirdly, a forged document should be possible to confuse ordinary people there. Fourth, build Vtqlby not Ayn-Kh containing false information is a written document should lie or tell about themselves.

### **The mens rea**

Counterfeiting is a crime of intentional crimes committed in bad faith, provided it is the sins that he committed My-Dand criminal law, criminal damage and public order My-Znd and the law punish him and My-Dand that it would be injurious to others yet other ways to harm makes the law.

Article 523 reads as follows: "to cheat". This issue induced pseudo-including two passes: first, committed, knowingly and deliberately committed to action, and secondly, by this fraud is going injurious to others, no matter Nmy-Kndkh the infliction of immaterial or spiritual or is a social loss.

The mental element of fraud can be drawn up in this way: to build or change the (grudging general) is yet another trick and going injurious to others.

Therefore, the forging of a joke or a deliberate or non-agenda, forging It is not the legal administration of the judiciary has also commented on this issue.

### **Registered crime prevention strategies**

Registered crime of intentional infringement or invalidity of registration laws and regulations in laws and regulations, the penalties for which registration is predicted. The sanctions are summarized in prison, fine, closure of business and license, suspension and deprivation of social rights. crime is of particular importance for regulators. In this regard, other responses are considered offenses against committing unauthorized acts to prevent. This type of proactive responses to this feature that is not necessarily violent. However, the violent and repressive punishments are only employed to suppress committed. Execution, imprisonment, dismissal from government service and other penalties provided by the law and registration regulations are not fully effective implementation of crime prevention, crime, however, have managed to stave off the record. Then examine the ways in crime prevention registration:

### **Judiciary actions**

employees are aware of their legal obligations.

### **The role of registration**

.Real estate registration office referred the request for registration of the property and aware of the exact location of the property registration requested.

### **Educational measures**

Educational measures, including ordinary people and the staff of Real Estate Registration, notary and Dftryaran included. Due to the large number of registered crimes perpetrated by ordinary people, public education and awareness are important role in crime prevention. In addition to the victims of these crimes are the people themselves. Popular education programs in elementary levels of education and textbooks can be started. Also giving public awareness through press and broadcasting and religious education, to find a sense of responsibility to others losses from crime and the consequences of criminal acts, are very effective in crime prevention. The staff registration and notary and Dftryaran the establishment of a regular and continuous educational programs, the need for proper training for accurate, continuous monitoring and precise registration and notaries on staff and Dftryaran can be effective in the prevention of crimes and offenses recorded. Of course, having the knowledge needed to study alongside its educational and experience is complementary role. Real Estate Registration for obtaining expert staff offices, agencies of registration and responsibility should have adequate experience and have completed vocational training courses. No business during this period and the lack of sufficient experience and confirmed by the authorities, agencies of registration and licensing experts or the liability is not possible. Registration Authority is also responsible for registration if it lacks sufficient legal awareness and is always in danger of committing a crime on behalf of criminals.

### **Principles and measures to Mnzvrpyshgyry of crime and forgery:**

1. Committee for the prevention of fraud and crime, the roots of crime and encourage community efforts to find solutions to the problems that face the counterfeiters have and will lead them to violate the law.
2. Check the factors associated with the phenomenon of forgery
3. Commenting on effective strategies to reduce fraud and crime rate
4. film to prevent forgery
5. Presentation prevention of forgery in public places beginning entries
6. Printing leaflets and advertisements in the press regarding the notification in question and also mutual obligations divorce and people
7. The presentation of awards for the prevention of crime and forgery
8. exhibitions prevention and awareness
9. Poster prevention of forgery
10. Real Estate Registration on the calendar as a day of annual



11. Designate a day of the week called on the prevention of crime and counterfeiting
12. financing needed
13. The introduction of the registration typically by Websites
14. avoid issuing multiple formal power of attorney
15. training classes in conjunction with cultural challenges, emotional deprivation and inner insecurity

### **Sign up and forgery confluence of tradition and innovation.**

Entering the era of information and communication technology that use it as a "revolution" is mentioned, all areas of knowledge is affected, so that a new space called "cyberspace" and visionaries shaped space and its users are trying to all issues relating to electronic interactions to solve in the same space. One of the issues "Submit documents electronically" is. In this thesis, after registration of the challenges that new technologies pose for traditional ceremonies, will emphasize the fundamental rules and principles, non-Dvln and instead of changing or distorting the truth, should think about the adaptation the traditional and new on the registration documents and signatures.

Certificate signed, written statement, contract or event source that has such authority under the law is considered essential documents. So, after realizing the registration process, with the proviso that appears to be due course, the proof will be forgotten and to prove what has been recorded, must be for the same reason as the "document" or "Certification" is the person was referred to.the registered office property or the property owner will be the formal owner Arsa come to him knowing. "

Check the above principles implies that registration, a phenomenon which is inherent in all human relationships count, hence its use is not in principle. However, some of the facts, including the desire to escape easily and effortlessly, day-to-day human interests to apply the technique to stabilize rights has increased. So that, without being limited to cases where law, custom or internal procedures, record keeping is essential, in the presence of people try their relations to ensure current and future easily have.

Despite the above facts and needs, should strengthen the idea that all registration activities, organizations, agencies and institutions that by law, documents and certificates required to bear is limited. Indeed, this exclusivity until establishes that these institutions meet the diverse needs of advanced and changing their communities. Otherwise, one could expect the provisions in the ordinance, as proposed electronic certification agencies predicted, over time,

without the need to register a desire contrary to the law or regulations and official documents come true.

has brought. Thus, traditional registration, with all the rules, practices and customs that are subject shaken the only preventive measures can be escaped adverse effects.

### **Technology challenges for traditional formalities of registration**

IT has been challenged from two directions lead: on the one hand, the introduction of documents that previously did not exist and is only possible with electronic symbols, such as sound, light, etc. to be exchanged, the fundamental question beforeand therefore the legal effect similar to paper documentation was given to them?

The findings are outside the jurisdiction of the Notarial?

Indifference is detrimental to both challenges.new and alternative executed.

According to what was said, recorded the intersection of traditional and modern communication technology challenges can be examined in two separate words.

### **Traditional sign electronic documents**

Traditional registration of electronic documents, the concept of substantive patent rules about the types of documents and Amzahast and in no way should this be confused with the formalities of registration applicable to paper documents. Because in this case that most electronic documents can be recorded in the traditional way, there is no doubt electronic documents and electronic record of the dispute.

### **The definition of electronic document**

Paragraph (a) of Article 2 of the law of electronic commerce in our country that a broad definition of Dadhpyam wrong all the same titles and an electronic record will also be included as evidence, it is as follows: "The symbol of the event, information or concept that means electronic, optical or new technologies of information generated, sent, received, stored or processed "is defined. the term" information technology "implies that electronic documents extracted material and not limited to what is possible in future new instances of them.

Law Offices of America official documents, electronic document contains all the information in a general sense knows that with electronic means to create, produce, deliver, receive or stored. There are many regulations in the country and at the international level that recognized the validity of electronic documents and stipulate that the courts, offices and people can not spend on electronic evidence of invalid know it.

**Against counterfeiting by Technology****The introduction of technologies that are effective in the prevention of counterfeiting:****The production of documents**

To produce a document that gets passed several stages in the printing industry in three stages: pre-press, printing and post-printing is divided. In this thesis, inspired by the opinions of experts and Sahb-Nzran the production of documents rather than the factors of production documents, in five stages, including paper, ink, design, printing and affixing self-divided. Brayn-Asas, special technologies to increase the safety factor used documents are introduced.

**Paper**

AED density, cellulosic fibers that doesn't Dakh-Hm irregular and thus a packing material, paper Bh-Nam the screw. One of the ways to preserve documents the phenomenon of forgery, use of special paper with security. Security paper for valuable documents, designed to produce specific for a particular Sfarsh-Dhndh occurs, Azayn-Rv not available for sale to the general public.

The paper used in a document, that document is more dependent on the type and application. Vinyl properties available are very diverse. Selected mechanical properties of paper it uses is an example banknote paper folding Dashh-Bashd Dr-Mqabl have a high resistance, low wear resistance should be Gzznamh instead of paper. Lazm-Bh-Zkr high mechanical properties of a paper that can not always be considered as a positive feature.

passport, Chk-Pvl-Ha and very high quality at home and lie.

In the manufacture of security paper, the properties and the design and use special technologies Shdh-Ast the most important of them is as follows.

**Lack of sparkle against ultraviolet light**

Ordinary paper used in everyday affairs My-Drkshnd against ultraviolet light, while the security paper production process distributes Yafth-And change properties against UV glow It is not observed in this paper. This feature is used to distinguish the security paper writing paper behalf. The paper Bh-Lt sensitivity to ultraviolet light, any manipulation Svrt-Grfth under ultraviolet light will appear on the document.

**Chemical Sensitivity**

Use this feature to avoid erasing the writings of a document is used. This property makes-up paper against Mhvl-Hayy because Mvad-Shvyndh react. When this paper was exposed to such materials My-Gyrnd, color has changed them and in some cases the wrong message that emerged paper placed on the paper.

Thirty years ago My-Grftnd paper used also has this feature, but the 4 or 5 types of solvent (which was

common) were sensitive. Every year the number of solvents were added to the paper presently used in today's security Chap-Hay to all families polar solvents, non-polar and sensitive Sfydkndh-Ha show that the number of them, perhaps more than hundred is chemical.

**Physical sensitivity**

Sensitivity to scratch or tear with a metal object, the other is the case with regard to the functioning of the security paper document and used Antkhab-Shdh behalf. For example, the security factor can be used on stadium tickets, when customers purchase tickets and passes and tickets canceled delivered shortly after it occurs. The use and duration of validity of the document is short and to identify the authenticity of a mechanical stress, reactive paper gives Nshan-Dadh and discoloration. But for documents such as banknotes or Chk-Pvl this case, does not apply. Bh-Khvd-Khvd bank for several years and suffered life stresses placed. If the safety factor used in the document has been altered and destroyed It results in a mechanical stress. After the application document, in decision-making and selection of security Faktvhay play an effective role.

**Fiber-optic or fluorescent fibers**

It doesn't colored fibers dispersed in pulp and paper My-Gyrnd two types of optical fibers visible and invisible optical fibers division is dumped. Optical fibers are invisible to the naked eye and are not visible in normal light is only visible under ultraviolet light. The use of this fiber makes detection of original documents from copying or scanning occurs because fluorescent fibers embedded in paper pulp and in paper copy or scan Nmy-Mand Apparatus of it.

Optical fibers have different Rng-Ha. 25 years ago Tk-Rng optical fiber was invisible. With the advancement of technology has increased the number of colors, optical fibers, optical fiber Bh-Tvry-Kh in several colors like yellow, green, blue and red Bh-Kar My-Rvnd. Optical fiber Qrmz-Rng other on the foundations of fiber optics Les highest degree of security and forging it is made very difficult, to the extent that the red optical fiber has not been falsified. In Iran in all Chk-Pvl-Ha and Dsth-Chk-Ha of optical fiber Astfadh-Shdh-Ast Qrmz-Rng.

**Conclusion**

Prevention of forgery, one of the main concerns of non-governmental organizations, particularly the judicial system, the police and security implementing security measures of the documents and the use of new technologies in immunization and the prevention of counterfeiting documents.

"prove" it facilitates., used to record and certify documents. The very nature of Mirrors, principles and

fundamental rules and demands as a single entity, management, conduct, both to take charge.

Irregular or adherence to the principles and rules that have been made and achievement of legal regulations which despite being the majority of its dimensions, lawyers only as "supervisory information" have played in it, is dangerous and the least damage it caused, adding the forgers, professional fraudsters and criminals is incomplete under the regulations, his interest in the search space that the slightest carelessness, it rich environment anonymity, anonymous or sheer impersonation. Delay, negligence or disregard of the responsible legal authorities in this area can never be justified.

But for the future, without delay, with the active participation of these institutions in the formulation of laws and regulations concerning the registration and space is in any sphere of discord current theoretical and practical problems in the future, be avoided. To understand how a way which is not consistent with legal rules, it is sufficient that it has adopted regulations on electronic record in other countries, our analogy. The result of this comparison, is nothing more than a fact: an electronic record is the record, and change the traditional way, never the goal does not change.

With a view to this, the findings also respond to hypotheses, the findings are also provided good information that can be expressed as follows separately.

- The impact of each of the five major factors in making valuable documents (paper, design, ink, printing and affixing capacities) in the prevention of counterfeiting were investigated and the results show that the use of the above four factors other than "complete patterns in the design documents "and" dry offset printing technique documents "play a more effective role in the prevention of forgery.

- Basic considerations of safety in the production of paper documents include the use of security paper properties such as lack of sparkle against ultraviolet light, watermarks, chemical sensitivity, security tapes, fibers and seeds color fluorescence available and ... more is.

- Basic considerations careful and expert in the design and printing of documents for non-forging the documents are utilizing various patterns of security appropriate to the type of document security;

- Basic considerations Ayntalyv in security printing, letterpress printing, micro printing, security printing rainbow and using different ink according to the printing of security documents;

- The most effective early affixing components to enhance the security of documents are: holograms, laminates, barcode, chip or chips.

It should be noted that, with the increasing use of computers in human life and its impact on Hmh-Y aspects of human life, including medicine, astronomy, aerospace, geography, physics, chemistry and many other context and with due regard to the human artifact including high precision, high speed, high volume data Zkhyrh-Sazy, fatigue-serious, rapid exchange of information, and easy access By-Shmar merits of another human life without it is almost impossible but it is the computer, along with numerous benefits, this phenomenon like any other Pdydh-Y been exploited by a plurality Adlh-Y based on definitive legal prohibition of these acts has an important loss.

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6/9/2016