# THE ANALYSIS OF THE CONCEPT OF FIDELITY IN ENGLISH LANGUAGE.

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**Annotation:** This article reflects the definitions of the concept of Fidelity in English language. The concept of Fidelity has not been well analyzed in sentences but also revealed the meanings of this term in different sentences in this article.

**Key words:** Fidelity, loyalty, faith, trust, faithfulness, evaluation, «audio fidelity», «fidelity fund», «fidelity insurance»

# АНАЛИЗ КОНЦЕПТА ВЕРНОСТЬ В АНГЛИЙСКОМ ЯЗЫКЕ.

ШАБОНОВА НОЗИМА БАХТИЁР КЫЗЫ УЗБЕКСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ МИРОВЫХ ЯЗЫКОВ СРАВНИТЕЛЬНОЕ ЯЗЫКОЗНАНИЕ И ЛИНГВИСТИЧЕСКИЙ ПЕРЕВОД СТУДЕНТКА II КУРСА МАГИСТРАТУРЫ.

Аннотация: В данной статье отражены определения понятия Верность в английском языке. Понятие Верность не было хорошо проанализировано в предложениях, но также выявило значения этого термина в разных предложениях в этих статье.

Ключевые слова: Верность, преданность, вера, доверие, верность, оценка, «аудио верность», «фонд верности», «страхование верности»

### SADOQAT KONSEPTINING INGLIZ TILIDAGI TAHLILI

SHABONOVA NOZIMA BAXTIYOR QIZI O'ZBEKISTON DAVLAT JAHON TILLARI UNIVERSITETI QIYOSIY TILSHUNOSLIK VA LINGVISTIK TARJIMASHUNOSLIK YO'NALISHI II KURS MAGISTRATURA TALABASI Annotatsiya: Bu maqola sadoqat konseptining ingliz tilidagi izohlarini ifodalaydi. Sadoqat konsepti nafaqat yaxshi tahlil qilingan bu maqolada balki bu terminnning ma'nolari turli xil gaplar orqali ochib berilgan.

Kalit so'zlar: Sadoqat, sodiqlik, iymon, ishonch, baholash,"audio sodiqlik", "sodiqlik fondi", "sodiqlik sug'urtasi"

Introduction. Fidelity "loyalty, faithfulness" comes via Middle English and Old French from the Latin noun *fidelitās* (inflectional stem *fidelitāt*-), a derivative of the adjective fidelis (familiar to Americans from the Marine Corps motto, Semper Fidelis "Always Faithful"). Fidelis is a derivative of the noun fides "trust, assurance, guarantee." The Latin forms come from the Proto-Indo-European root bheidh-, bhoidh-, bhidh-"to trust." The variant *bheidh*is the source of Latin *fīdus* "faithful, loyal," *fīdere* "to trust. have confidence in." Greek peisesthai "to trust, rely on, obey, be persuaded," and Greek Peitho "(the goddess of) persuasion." Bhoidh- is the source of Latin foedus "formal agreement, league, treaty" (source of English *federal*, *federate*, and *confederate*); the variant *bhidh*- forms Latin *fides* and Greek *pístis* "faith, trust, authentication," and *pistós* "faithful, reliable, credible."<sup>1</sup> The English noun *faith* comes from Middle English feith, faith, from Old French feid, feit, fei, from Latin fidem, the accusative singular of *fides*. (The English pronunciation of *faith* is all but identical to that implied by the Old French forms, quite different from the modern French pronunciation.) Fidelity entered English in the early 16th centuries. 15th century, from Middle English term from Middle French fidélité, from Latin fidelitas, from *fidelis* ("faithful"), from *fides* ("faith, loyalty") (English *faith*), from Proto-Indo-European  $b^{hidh}$ , zero-grade of  $b^{heydh}$  ("to command, to persuade, to trust") (English *bide*). Doublet of *fealty*.<sup>2</sup> *Fidelity* is the quality of being faithful or loyal. Dogs are famous for their *fidelity*. *Fidelity* comes from the Latin root *fides*, which means faith, so *fidelity* is the state of being faithful. Marital fidelity is faithfulness to your spouse. If you're a journalist, your reports should have fidelity to the facts. Someone without fidelity to a religion or group belief is called an *infidel*. Fidelity, is a key factor for thousands of years, has been regarded as the highest ideals to be endeavored in human activities. There are many definitions refers to the fidelity in English language. If we research the concept of fidelity we are truly sure how complex concept it is. There are many definitions in both languages.

<sup>&</sup>lt;sup>1</sup> https://www.sciencedirect.com

<sup>&</sup>lt;sup>2</sup> https://www.sciencedirect.com

There are some definitions of fidelity; for example, the quality of being faithful, accuracy with which an electronic system reproduces the sound or image of its input signal.<sup>3</sup>

In English language there are some sentences referring the concept of fidelity. He had not been unfaithful to her, of course, but **fidelity** could not just be about sex. I had defeated a car and a mountain as she pondered over my father's **fidelity**. Every time that cell divided, in the many embryological steps that went into making you, the original set of genetic instructions was duplicated with great **fidelity**.Her hairdresser could count on absolute **fidelity** and punctuality.There are many sentences in English and Uzbek languages.Nina believes that marital fidelity and humility is what love means.

Нина убеждена, что супружеская верность и смирение - это и есть любовь.

Loyalty, which he says is more than fidelity.<sup>4</sup>

Самоотдача, которую я имею в виду, - больше, чем верность.

In any graphic portrayal, whether it be on paper or another medium, several important factors govern the fidelity of the product.

В любом графическом изображении, выполненном ли на бумаге или иными средствами, точность продукции регулируется рядом важных факторов.

This was their first objective: get some thought fidelity from the chair through the Montauk transmitter and out the antenna.

Это была их первая цель: получить некоторую <u>точность</u> мысли от стула через передатчик Монтаука и антенну.

Whoever I marry deserves somebody who values fidelity.

За кого бы я ни вышла замуж, он заслуживает того, кто ценит преданность.

The red stripe symbolizes strength; the white stripe represents faithfulness and fidelity; and the green stands for hope.<sup>5</sup>

Красная полоса символизирует силу, белая полоса представляет верность и <u>преданность</u>, а зеленая означает надежду.

This third antithesis is essentially a call to fidelity in marriage.

Эта третья антитеза является, в сущности, призывом к верности в браке.

Technology has become the new taken-for-granted order that requires our fidelity.

<sup>&</sup>lt;sup>3</sup> Lachman, V.D. "Strategies Necessary for Moral Courage" OJIN: The Online Journal of Issues in Nursing Vol. 15, No. 3, Manuscript 3. 2010.

<sup>&</sup>lt;sup>4</sup> https://www.sciencedirect.com

<sup>&</sup>lt;sup>5</sup> https://www.ncsbn.org/ProfessionalBoundariesbrochure.pdf.

Технологии стали новым, воспринимаемым как должное порядком, который требует нашей <u>преданности</u> ему.

The poet never doubted the fidelity of his wife.

Полковник никогда не испытал ни малейшего сомнения в <u>верности</u> своей жены.<sup>6</sup>

In English language the word "high-fidelity" used in the sentences above.

Entertainment streaming service delivers high-fidelity music to audiophiles worldwide. These would filter out the objectionable whistles or squeals, leaving only the program with its original high-fidelity.

It joins three support units -- the standardized patient unit, the high-fidelity simulation unit and the surgical skills unit.

An early step towards this goal is to fabricate high-fidelity individual qubits. All the talk is about room-filling high-fidelity sound.

In English language the word "Light-fidelity" used in the sentences above.<sup>7</sup> Smart lighting and Light Fidelity (Li-Fi) technology are two important upcoming technologies in the LED industry.<sup>8</sup>

At this year's CES they also announced that Wysips is capable of Light Fidelity Data Transmissions -- a method of transmission data is sent and received via light waves. Called Li-Fi, which is short for light fidelity, the technology is what is known as Visible Light Communication (VLC).

The light fidelity market is split into components, application, and geographies. The latest thing the internet engineers have cooking in their lab is Light Fidelity technology, or LiFi.

If we take into consideration the word fidelity we encounter many collocation related to this word. «audio fidelity», «fidelity fund», «fidelity insurance»

- 1. Keeping them in top condition is good for both your hygiene and the **audio** *fidelity*, so we've put together a variety of tips for doing just that.
- 2. One purpose of the **fidelity fund** is to enable people to be reimbursed if their money is stolen from an estate agent's trust account.
- 3. The *fidelity fund* is intended to make good to clients when money held in trust is wrongfully used.

<sup>&</sup>lt;sup>6</sup> https://www.ncsbn.org/ProfessionalBoundariesbrochure.pdf.

<sup>&</sup>lt;sup>7</sup> Lachman, V.D. "Strategies Necessary for Moral Courage" OJIN: The Online Journal of Issues in Nursing Vol. 15, No. 3, Manuscript 3. 2010.

<sup>&</sup>lt;sup>8</sup> O'Donnell, Carol L. "Defining, Conceptualizing, and Measuring Fidelity of Implementation and Its Relationship to Outcomes in K–12 Curriculum Intervention Research". 2008.

- 4. To put it in its context, the **fidelity fund** is presently dealing with 850 claims, of which 300 are from this single attorney.
- 5. Subscribers who are lawyers or conveyances must hold professional indemnity and *fidelity insurances*.
- 6. He estimates about 60 per cent of corporates invest in fidelity insurance.
- 7. Therefore, when the body corporate's funds are managed outside of a trust
- 8. account, the managing agent and the body corporate need to purchase
- 9. additional fidelity insurance.<sup>9</sup>

**METHODS.** The concept of fidelity in English language has linguistic features are required to follow certain principles, rules and criteria when researching English sentences and definitions related to the word fidelity. The methods used for researching are divided into two basic categories:

- the collecting of linguistic features of fidelity and its definitions.
- the analysis and interpretation of linguistic features of English sentences and definitions.
- The collection of clear definitions of English sentences has includes: inscriptions, documents, records, dictionaries, books, monographs, and websites, which are used afterward for using English lectures and seminars.
- The analysis and interpretation of definitions take into consideration processing collection of the information gathered, which used in High education system.

**RESULTS.** We should take into consideration to these sentences related to the fidelity and his Russian translation.

"I can attest your fidelity, sir."

- Я могу засвидетельствовать вашу преданность, сэр.

DNA must replicate itself with extreme fidelity.

ДНК должна копировать себя с чрезвычайной точностью.

The criteria of fidelity is a comparison with absorption spectra measured with the help of classical light source.

Критерием достоверности результатов является сравнение со спектром поглощения, измеренным с помощью классических источников света.

I'm physiologically incapable of fidelity.

Я физиологически не приспособлен к супружеской верности.

<sup>&</sup>lt;sup>9</sup> <u>Fidelity Implementation Study Group Report</u>". Simulation Interoperability Standards Organization. 1999. Retrieved January 2, 2015.

Then I asked to transfer to Fidelity.<sup>10</sup>

Тогда я попросил перевести на Верность.

Butler wanted him to see clearly that fidelity was the point in this case-

fidelity, tact, subtlety, and concealment.

Батлер дал ему понять, что главное в этих делах -верность, такт, сметливость и соблюдение тайны.

No fidelity, no constant truth and passion, could move her into warmth.

Никакая преданность, никакое постоянство и самоотверженность не могли растопить это сердце.

I answered, I would stake my life on her fidelity.

Одной из этих сил была верность.

Fidelity explains the level of detail and functionality that the design has. Fidelity can vary in content, visuals, and interactivity. Low fidelity design typically has the basic elements of the final design, while high fidelity looks as close as possible to the final design.

We must focus on how to use the word fidelity in these sentences.<sup>11</sup>

They also took the oath of fidelity to him and his successors.

His translations show strong fidelity to their originals, and have often been considered the best of his works.

It was one of a handful of magazines then available for the individual interested in high fidelity.

Devotees sometimes interpret his elephant head as indicating intelligence, discriminative power, fidelity, or other attributes thought to be had by elephants.

Site fidelity rates appear to vary among populations.

There are some sentences using the word "high –fidelity"

Entertainment streaming service delivers **high-fidelity** music to audiophiles worldwide.

These would filter out the objectionable whistles or squeals, leaving only the program with its original **high-fidelity**.

It joins three support units -- the standardized patient unit, the **high-fidelity** simulation unit and the surgical skills unit.

An early step towards this goal is to fabricate **high-fidelity** individual qubits.

<sup>&</sup>lt;sup>10</sup> https://www.ncsbn.org/ProfessionalBoundariesbrochure.pdf.

<sup>&</sup>lt;sup>11</sup> Fowler, M.D. Guide to the Code of Ethic for Nurses: Interpretation and Application. Silver Spring, MD: American Nurses Association. 2010

All the talk is about room-filling **high-fidelity** sound.<sup>12</sup>

Fidelity also means complete commitment, trust, and respect between husband and wife. Inappropriate interactions with another person can erode fidelity. President Ezra Taft Benson said, "What does it mean to love someone with all your heart?

**Fidelity** is the quality of <u>faithfulness</u> or <u>loyalty</u>. Its original meaning regarded <u>duty</u> in a broader sense than the related concept of <u>fealty</u>. Both derive from the <u>Latin</u> word <u>fidelis</u>, meaning "faithful or loyal". In the <u>City of London</u> financial markets it has traditionally been used in the sense encompassed in the motto "my word is my bond".

While veracity and fidelity are similar concepts, they should not be confused. Veracity means telling the truth or the opposite of deceiving or misleading. Veracity also includes being transparent and not holding back important information. One common place where veracity is encountered in nursing is when informed consent is needed. For the nurse to practice in alignment with veracity, they need to present all necessary information to the patient in a truthful manner that allows the patient to make an informed choice. Veracity means that there has been full and honest disclosure.

**DISCUSSIONS**. While being truthful and honest are also necessary components of fidelity, fidelity is more concerned with one's commitment to professional obligations. Fidelity encompasses more than veracity. While veracity is necessary for fidelity, it is not sufficient for fidelity. For instance, a nurse could be truthful but not provide the care required of them by professional and patient expectations, therefore not practicing fidelity. Both veracity and fidelity are related to the trust

awarded to nurses, but they are not interchangeable principles.

Fidelity is the principle concerned with building trusting relationships between researchers and research participants. On agreeing to participate in a research project, participants are entrusting themselves to the researcher who has an obligation to protect each participant, as far as possible, from any harm as a result of participating in their research.

"Fidelity" denotes how accurately a copy reproduces its source. In the 1950s, the terms "<u>high fidelity</u>" or "hi-fi" were popularized for equipment and recordings which

<sup>&</sup>lt;sup>12</sup><u>High-fidelity phase and amplitude control of phase-only computer generated holograms using conjugate gradient</u> <u>minimisation</u>" Bowman, D.; Harte, T. L.; Chardonnet, V.; Groot, C. De; Denny, S. J.; Goc, G. Le; Anderson, M.; Ireland, P.; Cassettari, D.. 2017.

exhibited more accurate <u>sound reproduction</u>.<sup>13</sup> For example, a worn <u>gramophone</u> <u>record</u> will have a lower fidelity than one in good condition, and a recording made by a low budget record company in the early 20th century is likely to have significantly less audio fidelity than a good modern recording. Similarly in <u>electronics</u>, fidelity refers to the correspondence of the output signal to the input signal, rather than sound quality, as in the popular internet connection technology "<u>Wi-Fi</u>".

The term "<u>lo-fi</u>" has existed since at least the 1950s, shortly after the acceptance of "hi-fi", but its definition evolved continuously between the 1970s and 2000s. In the 1976 edition of the *Oxford Dictionary*, lo-fi was added under the definition of "sound production less good in quality than '<u>hi-fi</u>", and in the glossary of the 1977 book *The Tuning of the World*, was defined as "unfavorable signal-to-noise ratio". In 2003, the *Oxford Dictionary* added a second definition: "A genre of rock music characterized by minimal production, giving a raw and unsophisticated sound." A third was added in 2008: "Unpolished, amateurish, or technologically unsophisticated, esp. as a deliberate aesthetic choice."<sup>14</sup>

In the fields of <u>scientific modeling</u> and <u>simulation</u>, fidelity refers to the degree to which a model or simulation reproduces the state and behavior of a real world object, feature or condition. Fidelity is therefore a measure of the realism of a model or simulation.<sup>15</sup> Simulation fidelity has also been described in the past as "degree of similarity".<sup>16</sup> In quantum mechanics and optics, the fidelity of a field is calculated as an <u>overlap integral</u> of the field of interest with a reference or target field.

In the field of <u>program evaluation</u>, the term fidelity denotes how closely a set of procedures were implemented as they were supposed to have been. For example, it is difficult to draw conclusions from a study about formative assessment in school classrooms if the teachers are not able or willing to follow the procedures they received in training.<sup>17</sup>

In <u>translation</u>, *fidelity* is the extent to which a translation accurately renders the meaning of the source text, without distortion. It is contrasted with *transparency*,



<sup>&</sup>lt;sup>13</sup> Hartley, H. A.. <u>Audio Design Handbook</u> (PDF). New York, New York: Gernsback Library. pp. 7, 20 1958. <u>Library</u> of <u>Congress</u> Catalog Card No. 57-9007. Archived from <u>the original</u> on 2009-01-27. Retrieved 2009-08-08.

<sup>&</sup>lt;sup>14</sup> Harper, Adam (2014). <u>Lo-Fi Aesthetics in Popular Music Discourse</u> (PDF). <u>Wadham College</u>. pp. 7–11. Retrieved March 10, 2018.
[5] Fiddin Instruction Study Comm. Property. Simulation Internet Study and and Commission 1000.

<sup>&</sup>lt;sup>15</sup> *Fidelity Implementation Study Group Report*". Simulation Interoperability Standards Organization. 1999. *Retrieved January* 2, 2015.

<sup>&</sup>lt;sup>16</sup> Hays, R. T.; Singer, M. J. Simulation fidelity in training system design: Bridging the gap between reality and training. Springer-Verlag. 1989

<sup>&</sup>lt;sup>17</sup> O'Donnell, Carol L. "Defining, Conceptualizing, and Measuring Fidelity of Implementation and Its Relationship to Outcomes in K–12 Curriculum Intervention Research". *Review of Educational Research*. 33–84. 2008

which is the extent to which a translation appears to a native speaker of the target language to have originally been written in that language.

We can ask a question like that; What is the concept of fidelity?

Fidelity. noun.  $fi \cdot del \cdot i \cdot ty f = 'de-l = t\bar{e}, f\bar{i}$  : the quality or state of being faithful or loyal especially: loyalty to one's spouse in refraining from adultery and sometimes in submitting to a spouse's reasonable sexual desires.

Fidelity is the quality of being faithful or loyal. Dogs are famous for their fidelity. Fidelity comes from the Latin root fides, which means faith, so fidelity is the state of being faithful. Marital fidelity is faithfulness to your spouse.

We can site the examples of fidelity in life.

Because fidelity has a lot to do with truth and dependability, the word can also be applied to the degree to which someone or something adheres to facts or original information. For example, a journalist who displays integrity by only reporting what really occurred would be a reporter who practices fidelity.

Under the common law of contract an employee owes a duty of fidelity or loyalty to an employer. This means that as long as the employment contract continues, the employee must not compete with the employer or work for a competitor.

There must be fidelity in teaching language; because, this would include teaching all of the lessons in sequence, and carefully following the instructions within each lesson plan so that all of the points and objectives are covered using the methods intended by the author of the program.

Fidelity is an ethical principle that pertains to trustworthiness. Practicing fidelity includes creating and maintaining trust in relationships. Fidelity also means that commitments and promises are fulfilled.<sup>18</sup>

Fidelity is keeping one's promises. The nurse must be faithful and true to their professional promises and responsibilities by providing high quality, safe care in a competent manner.

We can say that the fidelity is necessary in the classroom. Fidelity refers to how closely prescribed procedures are followed and, in the context of schools, the degree to which educators implement programs, assessments, and implementation plans the way they were intended.

Fidelity is the virtue of consistency. It is the basis for reliable thought, reason, morality, trust, and loyalty. It allows us to predict future behavior based on the history of past behavior. Fidelity is most valuable when it is applied to the most

<sup>&</sup>lt;sup>18</sup> Hartley, H. A. <u>Audio Design Handbook</u>. New York, New York: Gernsback Library. pp. 7, 20. <u>Library of Congress</u> Catalog Card No. 57-9007. Archived from <u>the original</u> on 2009-01-27. Retrieved 2009-08-08. 1958

worthy ideas, deeds, principles, or affiliations.

It also necessary fidelity observation because measuring and analyzing is important in observation.

Fidelity refers to implementing a program or curriculum as intended, which can be a key factor in its success and whether it positively moves youth outcomes. Fidelity monitoring refers to a system of measuring and analyzing the degree to which a program is implemented as intended.

Under the common law of contract an employee owes a duty of fidelity or loyalty to an employer. This means that as long as the employment contract continues, the employee must not compete with the employer or work for a competitor.

In almost all theories of ethics, fidelity is seen as a fundamental moral obligation because it is integral to creating trust. For a relationship to be not only morally fulfilling but also practical, it has to be built upon a level of trust. Now, this will change with various relationships.

What is an example of high Fidelity? A hi-fi, coded prototype is a solution that is pretty close to the ready-to-release version of a product. An example of such prototype would be a rich interactive sandbox that allows test participants to explore a product's different features.<sup>19</sup>

Speech is captured with similar high fidelity. His wife tried to repair the damage by proclaiming her belief in conventional marital fidelity. Typically, they address marital fidelity but not nuclear weapons or human rights. The captaincy of England cannot be directly.

We can measure fidelity. Fidelity is commonly described with 5 dimensions amenable to measurement: adherence, dosage, quality of intervention delivery, participant responsiveness, and program differentiation.<sup>20</sup>

Another example of the importance of fidelity and the building of trusting relationships is in qualitative research where the quality of the data is again dependent on the quality of relationships between researchers and research participants. Qualitative researchers seek to explore personal experiences so they need participants to be honest in their descriptions of those experiences. If participants don't trust the researchers when they make statements about confidentiality and the anonymisation of data there is a danger that participants might

<sup>&</sup>lt;sup>19</sup> <u>Fidelity Implementation Study Group Report</u>". Simulation Interoperability Standards Organization. 1999. Retrieved January 2, 2015.

<sup>&</sup>lt;sup>20</sup> <u>Fidelity Implementation Study Group Report</u>". Simulation Interoperability Standards Organization. 1999. Retrieved January 2, 2015.

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be less than honest about their experiences and might even tell the researchers what they think they want to hear.

**CONCLUSIONS.** Fidelity is a key ethical principle in all research and is closely linked to the other six principles. It is a two-way process with researchers needing to trust research participants as much as participants need to trust researchers. If there is a breakdown in this trusting relationship there will inevitably be consequences for the quality of the research. Fidelity requires integrity and honesty, but fidelity goes one step further than just honesty in that practicing the principle of fidelity requires one also to fulfill commitments. We can refer this word "fidelity" means faithfulness to a person, cause or belief, demonstrated by continuing loyalty and support. Some common synonyms of fidelity are allegiance, devotion, fealty, loyalty, and piety. While all these words mean" faithfulness to which one is bound by pledge or duty", fidelity implies strict and continuing faithfulness to an obligation, trust, or duty.

**PRACTICAL RECOMMENDATIONS**. The results and examples of this article can help to distinguish some linguistic features English word "fidelity" in the examples of using contexts and also it helps to learn some peculiarities of definitions of them in English Lessons and Seminars at the University. It is may be a good tool for the researchers and scientific articles to future linguistic scientists.

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