INTERPERSONAL MEANING COMPLEMENTARITY BETWEEN SONG LYRICS AND ITS COVER: A MULTIMODALITY ANALYSIS OF TEXT AND IMAGE

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Abstract: This article is aimed to give contributions to studies and increase knowledge the liguistics of Indonesian music scene. This study examines the meaning of the interpersonal approach of intersemiotic Complementarity (Royce. 2001) which believes that both images and text in one text are a unity and convey a complementary meaning. Intersemiotic Complementarity combines two frameworks between SFL by Halliday (1994) and Multimodal Discourse by Kress and Leeuwen (1996). Based on the analysis, interpersonal meaning which contained in verbal mood of Omnipotence Paradox – Eternal Desolator consists of declarative and interrogative mood. Declarative mood dominates the lyrics that provides spiritual statements regarding the existence of God. The speaker also gives information to listeners that the lyrics are in essence not solely created by the speker but also come from the demons whispered who tries to ruined humans believe in their god. Through the interrogative modes, demons tries to ask polarizing questions that ask the author's divinity so that he gets trapped in the demon's perception. Meanwhile, the visual meaning of his digital artwork is to try to represent the lyrics into a low modality image that was made unclear by combining various references to divine images that are spread across social phenomenon.

Keywords: artwork, interpersonal meaning, intersemiotic complementarity, lyrics, multimodal discourse

INTRODUCTION

Communication is a phenomenon of modality where the people sharing or trading the information with other people. In communication each other people use language to express almost anything such as ideas, emotion, desire, message, etc (Griffee, 1995). Language in communication is not just a verbal voice, but there are others modalities to convey the message to the listener, such as gesture or body language (Chan, 2013). More than body language, tone in communication play a key role to deliver a message, for example is the difference between the tone of sad person and happy person. The clause 'oh my god' absolutelly has different meanings when conveyed by two different tones. The combination of two or more modality at the same time can be called as multimodality (Kress and Van Leeuwen, 1996).

Multimodality is not only found in general communication but also in other practices, such as newspapers, story books, advertisements, films and music. Someone can interest or loves to certain of music because of many reasons. Besides being able to uplifting and relieve stress, music also bring message that represent of listeners feelings and thoughts in those lyrics. Generally, music consists of two elements, sounds and lyrics (Dallin 1994). In music, lyrics have significant contribution. The writer writes the imaginative diction and rhyme lyrics to express their emotions that represent their feelings and thoughts (Halliday and Hasan, 1997; Griffee, 1992). By giving listener deep understanding about the message delivered in the song, lyrics is one of media by the band as a speaker to express their feeling to the listeners with message inside in purpose to encouraging the listeners to feel or think what the speaker feels or thinks about. On the other hand, when the lyrics are only written without being sung with other modalities such as tones, body languages, and supporting musical

instruments, the message of the lyrics that delivered by the speaker will not be conveyed properly. By combining lyrics and others modalities such as vocal tones, guitar, drum, etc., it definitely provides the interpersonal meaning, because they are created based on one purpose that convey a coherent and complementary meaning.

Instead of merely presenting the lyrics with other multimodality as a way to communicate with the audience, at the same time the band also need other modes to attract the audience's attention. As the speaker the band has many ways to express their feeling to the listeners perfectly. It can constructed through variety modes like visual modes to create meaning (Hodge and Kress, 1988). In generally, the band makes a visual mode such as song cover in the form of artwork in purpose to briefly explain the story in the lyrics which is has meaning in that visual element. Usually the band also draws the artwork in such as painting, photo, drawing, or digital artwork to represent or depicted the song itself.

A band pour their creative ideas through an artwork to represent their songs as a song cover or album cover. This is an important thing until it becomes a cultural thing in music scene for the band that composes the song. The band make an artwork as a song cover to visualize their songs with the intention to creates listener's theatre. Because the artwork always draws attention to unique shapes, lines, colors, images, meanings and patterns (David S. Cooper. 1999) it is not created as a cover only, but the band often use the artwork as merchandise and sell it as additional income for the band itself. This phenomenon occurs in Eternal Desolator a deathcore band from Purwokerto, Central Java. It is the one and only deathcore band that still exist and growth until today. The band has a song titled Omnipotence Paradox that published in 2019 that has multimodal meaning in those lyrics and artwork.

In previous research about multimodal discourse have been done by Dewi, Rukmini and Saleh (2020) and Yong and Qing (2020) that verbal text and visual image in picture books and they also founds the relationship between verbal text and visual image. Multimodal also appear in a television advertisement Hidayat, Abrizal and Alek (2018) that investigate and explore the interpersonal meaning of YOU C1000 on Indonesian television advertisements. Their study was reveal interpersonal meaning on multimodallity. In order to make the goal of study clear, the researcher including multimodal discourse in music such as Childish Gambino's Music Video "This is America" by Acosta (2018) that investigate the racism in US. the second research is Female K-Pop Music Videos by Brady (2015) in order to investigate whether the two sets of videos serve to satisfy a male viewer or In both research, they were analyzed the meaning and purpose of the multimodality that appears in both music video.

Based on these previous researchs, what does they found and how interpersonal meaning realized in multimodal text, the researcher interest to find the interpersonal meaning in the song lyrics and also in the song cover by Eternal Desolator entitled Omnipotence Paradox. In this case, the researcher provide one research problem. The question is: 1. How is the interpersonal meaning realize in the verbal and visual of song.

It is the article that research about song lyrics and it song cover to find the interpersonal meaning. This research focuses on finding the interpersonal meaning in Eternal Desolator's lyrics and artwork through the framework stated by Royce named intersemiotic complementarity. Intersemiotic complementarity is a combination of two theories of Halliday's three metafunction (1994) as the theoretical foundation to analyze interpersonal meaning in verbal mode, and of Kress and van Leeuwen (1996) to analyze the interpersonal meaning in visual mode. Royce (2002) stated visual and verbal which used as mode to explain the message in text has intersemiotic relationship, correlation between variety semiotic mode.

This article aims to increase the knowledge about the Indonesian music scene where is the knowledge in media about music in Indonesia is still lacking in educating and prever to promoting controversy (Resmadi, 2018). This research is carried out with deep analysis in order to obtain factual information and through a linguistic approach can make the information that conveyed has useful content for readers and the Indonesian music scene.

METHOD

This research used a qualitative method that exploring and understanding social or human problems (Creswell, 2003) to describe the main data in the form of words. The unit of this research is consist in two datas that are lyrics by Eternal Desolator entitled Omnipotence Paradox and those artwork and analyzed using the intersemiotic complementarity framework, which developed by Royce (2001) in terms of to reveal the interpersonal meaning in the lyrics and those artwork. This research will be analyzed the intersemiotic complementarity in both of verbal and visual modes of Omnipotence Paradox.

Omnipotence Paradox is a song that accompanied by deathcore music instrumental. This genre is a metal subgenre that combines between death metal and metalcore, that consists of taking death metal guitar riffs, blast beats drum technique and scream techniques such as growl, guttural and fry on the vocal (Angeler, Sundstrom, Allen. 2016). Based on the interview with the informant, Farobi Fatkhurridho as Eternal Desolator drummer and the Omnipotence Paradox song writter, said that the lyrics was inspired by the novel Trilogi Sukram by Sapardi Djoko Damono. There are three chapters in the novel, "Pengarang Telah Mati" (The Author is Dead), "Pengarang Belum Mati" (The Author Has Not Dead Yet), and "Pengarang Tidak Pernah Mati" (The Author is Never Dead). This novel tells about relationship between human and his creator which is god. In the novel god reflected in the characted named 'Aku' Soekram tries to find the whereabouts of his creator and asks the entity of his creator. That gives the space for reflection about the human existence issue. The ability of Soekram character to traverse across his reality dimension make the developing element of the story become interesting. Those story that makes the band created lyrics and artwork entitled Omnipotence Paradox.

The researcher did several steps of research. started from collect the data, the researcher collected the data by bought the original copydisk of the song where in the copydisk there are lyrics and the artwork. Second, read and observe the lyrics and artwork to understand the whole meaning. Third, to supporting this research, the researcher interviewed the informant that is Eternal Desolator band personnel and song writer. The interview was asked about the song that writed by phone. Fourth is classify the result of the research. The researcher will classify the mood types that are realized in Eternal Desolator – Omnipotence Paradox and describe the meaning of the lyrics and also the modality that arises from the clauses. For the artwork, the researcher analyze the five parts including visual sign, social distance, involvement, power relation and also the modality in the visual mode. Last, the researcher generates the result of the meaning and draws a conclusion based on the research findings.

DISCUSSION

The research shows that the realization of interpersonal meaning that occured in multimodal text from Omnipotence Paradox – Eternal Desolator song indicate create patterns of interpersonal relationship between the speaker and the listener. This multimodal text is tells about the anxiety of the speaker who doubt the god's existences that delivered with deathcore vocal technique and deathcore music instruments. By asking the listeners ambiguous questions, the speaker is actually confused about his own question. Therefore, the band also creates a mysterious figure in their artwork that represent the lyrics. Seens a silhouettes of a creature that resembling super-power who have six hands who carries six planets that looks

like God's hand in a certain belief. In the picture this figure is depicted has muscle on his abs. There are inform that the picture is interpretation super power figure. Unconsciously, the lyrics and song cover use interpersonal meaning to communicating the speaker's though.

1. Analysis in Lyrics

According to Halliday (1994) "In the SFL model, the interpersonal aspects of communication are covered in terms of how roles in the exchange and the nature of the commodity exchanged can be combined into the four primary speech functions of Offer, Command, Statement and Question". Mood element carries the interpersonal functions of the clause and consists of subject and finite. Mood consist of finite, finite element is part of verbal group. Finite is one of verbal operators which expressing primary tense, modality, and polarity, and others features of residue. Meanwhile, the Residue structure consists of Predicator, Complement, and Adjuncts. After the researcher analyzed the interpersonal meaning that reveal in Eternal Desolator – Omnipotence Paradox lyrics, the researcher was that the data shows there are two categories of mood, declarative and interrogative. Declarative mood is the expression of a statement, and the expression of a question is interrogative mood and shows on Finite before Subject.

No	Types of Mood	Frequency	Percentage
1.	Declarative	19 Clauses	82.6%
2.	Interrogative	4 Clauses	17.4%
3.	Imperative	0 Clause	0%
Total		23 Clauses	100%

Table I. Types of Mood and Percentages of Lyrics Frequency

As shown in Table I., that is a frequency of types of mood that occured in Omnipotence Paradox song lyrics that tells about someone who is feelings anxious and confused after he gets whispers that asked the existence of god, which the whispered is the demon's voices. The question makes the speaker can not life peacefully and these effect that makes demons are happy. The researcher founds that declarative mood dominates the clause which has 19 clauses (82.6%) from 23 clauses. Also, the clause is followed by interrogative mood with 4 clauses (17.4%) to strengthen the occurred information from declarative Mood. After calculated the lyrics, the lyrics is indicate that the speaker wants to share information and statement. Even the interrogative mood has strengthen them.

a. Declaravite Mood in Lyrics

Declarative mood is a clause that create a statement, provides a fact, offers an explanation, or conveys information. Declarative mood can be identified when the subject before finite. Based on the findings, declarative mood is dominated the Omnipotence Paradox's lyrics, there are 19 clauses that indicated as declarative mood.

Table II. Analysis Declarative Mood in Lyrics

Our bodies	Have	Been surrounded	By the demons perception
Subject	Finite	Predicator	Adjunct
Mood: Declarative		Residue	

The clause above, the element of mood structure is realized because the clause has its subject, finite, predicator, and adjunct. Those table above identified as a statement because the position of 'Our bodies' as a subject before finite realized in 'have'. It clearly shows that the lyrics is declarative in mood of giving information.

Omnipotence Paradox song lyrics are described that the demons are already surrouded speaker and listener's body. In this song lyrics, on the first rhyms the speaker give a statements to the listener with express his though about the existenteces of god who unrelated with human existention.

Until the last rhyms where the speaker/speaker felt confused about his statement and he realize the speaker has given statement who came from demons whispered. It reflected on the table I where the speaker/speaker and the listener which reflected on pronoun 'our' have been surrounded by demons perception. These clause give information to the listener that the previous statements has came from demons whispered.

Table II. Analysis Declarative Mood in Lyrics

Satan and devil Take			Control
Subject	Finite/Predi	cator	Adjunct
Mood: Declarative		Residue	-

Table III. is a clause that use declarative mood system essentially expresses a statement of fact about things that actually exist and that they have actually experienced.

This clause is continued of previous clause in table II. that explained demons are surrounds the speaker and the reader. The clause express a statement that we are already controls by the satan. It means, satan has more than surround on our bodies, but they already in to our bodies and succes to control it.

In previous clause, the speaker use 'demon' to reflected spiritual things, but in this clause the speaker change it to 'satan' that refer to Lucifer, the most powerful evil who will distorts the though of the truth of God so that we will be swayed in unbelief. After that we will fall into real misery.

Table IV. Analysis Declarative Mood in Lyrics

God	Only	Laughing	Seeing	Misfortune and misery
Subject	Adjunct	Finite	Predicator	complement

On table IV is a statement clause that inform after the speaker was trapped in the demons' perception which doubted about god existences, the position of god was not disturbed in the slightest. After we have given ourselves to Lucifer and fall into the real misery, he actually laughed seeing the speaker suffer. these clauses also give information to the listener that the speaker and listener are being laughed by the god because of we are doubts him.

Based on the findings above shows that the song lyrics cointains about statement and giving information clauses aim to express speaker's feelings to the listener by using statements found in declarative mood. In the song lyrics, the speaker also try to interact to the listeners by using giving information in declarative mood.

The song is deliver by growl & fry technique vocals that accompanied with deathcore music and blasting drums. Th speakaer's screaming is worrying and the music are so loud that reflect of anxiety and torment.

b. Interrogative Mood in Lyrics

Interrogative mood is an expression of a question. As descirbe above, the order Finite before Subject of which there are two additional distinctions: the yes/no interrogative for polar questions (the response is either a yes, no, or maybe), and the WH-interrogative for content questions (where the answer is concerned with who, what, which, why, how, and when). In this research, the researcher finds 4 interrogative moods in Omnipotence Paradox song lyrics.

Can	your god	get	sin	and	pray
Finite	Subject	Predicator	Complement	Adjunct	Predicator
Mood: Interrogative		Residue	•		

Table V. Analysis Interrogative Mood in Lyrics

This is a sample of interrogative mood that reflect in Omnipotence Paradox song lyrics. The clause 'Can your god get sin and pray?' clearly shows that the clause is a question and the mood of this clause is interrogative mood. It also proven by finite before subject, 'can' as a finite and then follow by 'your god' as a subject.

In Omnipotence Paradox song lyrics, the speaker asked several questions about the entity of god, which in fact the question came from the whisper of the devil. It was proven by the statement clause contained in the explanation of declarative mood above. The interrogative mood contains the question of whether listener's god 'can get sin and get pray' which the text is part of residue. These polar questions can be answer with yes, no, or maybe.

The speaker tries to interacts to the listeners, it depicted on the uses of pronoun "your" that refers to listeners. The speaker asked 'can listener's god get sin and pray?' this state also strenghened by a pronoun "our" in declarative mood above (table I) that represent the speaker and listener who have been influenced by demons. After those clause, the lyrics continue with the clause 'speaker and listener bodies has surrounded by demons'.

c. Modality in Lyrics

Modality is used to refer how speakers signal probability, usuality, inclination and obligation. According to Halliday (1994), Modality is classified into modalization and modulation. Modalization has two kinds of intermediate possibilities, namely probability and usually. Modulation has two kinds of intermediate possibilities depending on the speech function of command or offer. In command, it is degrees of obligation, while in an offer, it is degrees of inclination.

In Omnipotence Paradox song lyrics, there is no element of modality that use in this data. 'can' is low modality that appear in finite which found on interrogative mood 'can your god be foolish and self-destructive' and 'can your god get sin and pray?'. In this case, 'can' indicates as polar question that can be answer with yes, no, or maybe (Halliday, 2014). So, the listeners have no obligation to agree with the speaker statements. As well as the speaker who do not have high confidence in submitting the questions. It is proven in the next lyrics which explains that the question is ambiguos and makes the speaker have nightmares every night.

2. Analysis in Visual

In this research, the data which is visual mode will be analyzed five aspect in vidusl modality which consist of visual sign, social distance, involvement, power relation and

modality. Visual is a way to describing textual or verbal mode. Express more than one modes at the same time called multimodality. Multimodality is communication phenomenon that use different modes at the same time (Kress and Van Leeuwen, 1996). The modes what is meant such as speech, writing, image, layout, gesture, and/or proxemics" (Ellisabeta Adami, 2015). Intersemiotic complementarity is various lexico-semantic ways of relating the experiential and logical content or subject matter represented or projected in both visual and verbal modes through the intersemiotic sense (Royce) As quoted by Royce (1998), intersemiotic complementarity is realized through various linguistic and visual means peculiar to the respective modes. the represented participants, the interactive participants and the visual's



coherent structural elements.

Figure I. Omnipotence Paradox's Artwork

a. Visual Sign

The visual mode above, there is a creature's silhoutte without shown the expression on his face that give an impression if he is mysteriuos creature. Otherwise, to depicted of the gaze, there is a universe that replace the eyes on participant face which is reflected a place where human lived in. As Kress & van Leeuwen (1996) stated, the gaze is important thing to determines the realization of a visual demand. It means the participant give an information that he has a power to keep an eye on human life. Other evidences also shown on the abs on his body and the absence of his body gesture that used to interpret interpersonal meaning (Royce, 2007). The represent participant offers information toward (make a statement) the viewers through his gesture of his six hands that carrying six planets. The participant depicted inform to the viewers if he is control the our world.

b. Social Distance

According to Kress and van Leeuwen (2006) size of frame indicated of the degree of social distance between the represented participants and the viewers. This is a table show frame size characteristics:

FRAME SIZE	CHARACTERISTICS	SOCIAL RELATION	
very close up	less than head and shoulders of subject		
close shot	head and shoulders of subject	friendly or personal	
medium close	cuts off subject approximately at waist social or ' one of u		
medium shot	cuts off subject approximately at knee level	'familiar' social	
medium long	shows full figure	general social	
long shot	human figure fills half image height	public, largely impersonal	
very long shot	and any thing beyond (wider) than half height	little or no social connection	

Figure II. Social Distance Table (Kress and Leeuwen. 2006)

From the visual table above, the figure.1 shows that the represented participant is depicted using medium close, where it cuts until the waist, it means the represented participant is social or it can be one of us. It is the reason why the participant has six hands and a perfect human body, it is to depicted a god that inspire in certain belief who has superpower as a god but he can turns to be a human in general. So, the represented participant is can be close with the viewers.

c. Involvement

As a (Montague, 1993) said, there are two visual point of view, that are frontal or oblique. In this case, the represented participant have a frontal point of view with horizontal angle. The frontal angle have a meaning to expresses a degree of comprehensiveness between the constructor and the visual (Dondis, 1973). The whole body is taken with silhoutte photograph technique to give viewer's impressions if he is mysteriuos and no one can reveal who he really is. The frontal angle of the represented participant depicts his connection to the viewer. The universe is replace the eyes, universe is an implementation of a place where human lived in, So the message is the participant can control human.

d. Power Relation

According to Royce (1999), the power relations between the viewers and the represented participants in a visual are encoded in the vertical angle formed between them, which are also an important aspect of cinematography. In this case, the represented participant position is eye-level angle, where the visual and the viewer are equal. Kress & van Leeuwen stated when the image is at eye level, the relationship between the participant and the viewer is one of equality, with no power relationship.

e. Modality

Modality is the resource to analyze speakers or writers judgments about the truth or credibility of propositions in verbal communication (Kress & van Leeuwen, 1990). Visual modality componend are contained contextualization, the degree of representing or abstracting detail, texture, illumination, and color saturation/differentiation/modulation.

In this case, the figure indicate as lower modality, because the represented participant only shown the silhoutte without some finest detail such as face, hair and face skin, but the participant shown the six pack abs, it seems to be obscured. The body made with dark color and unclear to represent the mysterious side of the figure. The colors are no particularry vibrant, and depth is not particularly deep, it also can indicating as a alower modality. The background in the form of space also does not match reality. The dark color tones choosen to creates an atmosphere of serious in the artwork, and dark purple color on the background represent of mysteriuos.

There are six hands that holding a planets which indicates the unrealism of the figure. The artwork artist intend to shows a picture of the figure of an almighty god with all the power he shows in the picture by taking a god reference from a certain belief, but still maintaining the mysterious side by not showing the face.

The artwork is an implementation of the artist after he received omnipotence questions that are very ambiguous. It is proven by the figure that is makes the viewers watch unclearly. The artist only sourced from the stories that appear in social such as the figure of a god in a certain belief who has six hands, has enormous power, he is on the sky a place that humans cannot be reached. Then the artist uses his own imagination to create the artwork.

CONCLUSION

After analyze the data, the researcher can conclude that the interpersonal meaning that analyze through Royce framework that found in Eternal Desolator - Omnipotence Paradox lyrics as verbal mode and artwork as visual mode. Based on the findings, in verbal research there are twenty three clauses have been analyze and there are two kinds of mood, declaratavie and interrogative mood. Declarative mood is dominated the clauses that inform if the song was not completely born from the speaker's thoughts but it was created from demons perception who tried to corrupt the speaker's thoughts until the satan success to take speaker and listener bodies and bring them to the misery.

In interrogative mood contains the polar question of the speaker to the listeners which can be answer with yes, no, or maybe which implement that the demons has created ambigouity question about existention of god that make the speaker in confused about appraisal of god. The lyrics also supported by the vocal techniques and the instrument of music that bring the sense of torture. From the lyrics and the tones, the listener can indicates that this is not happy song, but it is the miserable story.

In visual mode the artwork has lower modality that constructed on the lyrics which the listeners has no obligation to agree with the speaker's statements. The artwork is low modality that decipted on the god's visualization whose the credibility can be trusted or not. In this research, in multimodal verbal and visual are produce meanings that are unity. Where the lyrics is tells the story of speaker's belief in his god then disturbed by the demons perception who tries to destroy it. The artwork can visualize how the speaker tries to depict his god only with references that develop in social, so viewers can relates that it is a representation of god.

REFERENCES

- Acosta, M.F.C (2018). "A Multimodal Discourse Analysis of Childish Gambino's Music Video 'This Is America". *Open Journal for Studies in Linguistics*. University of Guanajuato, Division of Social Sciences and Humanities, vol. 1, no. 2, Nov, 2018, pp. 57–72.
- Angeler, D.G., Sundstrom, S.M., Allen, C.R. (2016). *Deathcore, Creativity, and Scientific Thinking. Swedish University of Agricultural Sciences*. Department of Aquatic Sciences and Assessment, Uppsala, Sweden.
- Brady, C.K. (2015). A multimodal Discourse Analysis of Female K-Pop Music Videos. College of Arts & Law University of Birmingham Edgbaston, Birmingham B15 2TT United Kingdom.
- Creswell, J.W. (2013). Research Design: Qualitative, quantitative and mixed method approaches. Fourth Edition, California: Sage publication.
- Dewi, A.K, Rukmini, Saleh. (2020). "The Interpersonal Meaning of Verbal Text and Visual Image Relation in English Textbook for Junior High School Grade VIII".
- Halliday, M.A.K. (1985). "Intersemiotic Complementarity: A Framework for Multimodal Discourse Analysis". p. 53.
- Halliday, M.A.K. (1994). *An Introduction to Functional Grammar. 2nd ed.* London: Edward Arnold.

- Hidayat, D.N. Abrizal. Alek. (2018). "A Multimodal Discourse Analysis of The Interpersonal Meaning of A Television Advertisement in Indonesia". Syarif Hidayatullah State Islamic University of Jakarta, Indonesia.
- Hodge, R. and Kress, G. (1988). Social Semiotics. Cambridge: Polity Press.
- Kress, G and Van Leeuwen, T. (1990). *Reading Images. Geelong*. Victoria: Deakin University Press.
- Kress, G. and Van Leeuwen T. (2001). *Multimodal Discourse The Modes and Media of Contemporary Communication*. London: Arnold; Oxford University Press.
- Kress, G. and van Leeuwen, T. (1996). *Reading Images: The Grammar of Visual Design*. London: Routledge.
- Montague, J. (1993). *Basic Perspective Drawing: A visual approach*. 2nd Edition. New York: Van Nostrand Reinhold.
- Resmadi, I. (2018). *Jurnalisme Musik dan Selingkar Wilayahnya*. Jakarta: Kepustakaan Populer Gramedia.
- Royce, T. D. (1999). "Visual Verbal Intersemiotic Complementarity in The Economist Magazine". *The University of Reading*, England.
- Royce, T.D. (2001). "Intersemiotic Complementarity: A Framework for Multimodal Discourse Analysis". *Teachers College*, Columbia University.
- Royce, T.D. (2002). "Multimodality in the TESOL Classroom: Exploring Visual-Verbal Synergy". *Tesol Quarterly*, Vol. 36 No. 2 Summer.
- Yong, Hu and Qing, Qiu. (2020). "A Study on Verbal and Image Relations in Multimodal Texts From the Perspective of Intersemiotic Complementarity". *Canadian Social Science*, Vol 16. No. 10, 2020, pp. 50-56.