

GOD EQUATION OF HAHSLM 472319 IN UNIVERSE CREATION

Roikhan Mochamad Aziz

Universitas Islam Negeri Syarif Hidayatullah
Email: Hahslm472319@gmail.com

Abstrak

Penelitian ini bertujuan untuk menemukan konsistensi dalam berbagai fenomena matematika seperti bilangan segitiga dan penciptaan alam semesta. Nomor persamaan dari angka segitiga adalah 72319. Dan juga persamaan Tuhan memiliki nomor digital yang sama dari 72319 untuk menciptakan alam semesta. Data penelitian berasal dari Al-Quran dan faktor nyata di alam semesta. Metodologi ini menggunakan pendekatan sistem berdasarkan pengembangan nubuat dan nilai-nilai empiris. Pendekatan penelitian ini adalah analisis deskriptif dengan keunggulan komparatif. Bilangan segitiga memiliki kelompok 319, 913, 616 untuk membentuk persamaan reflektivitas. Allah matematika memiliki algorith of 725 untuk menciptakan alam semesta seperti Quran Al-Anbiya 21.30. 2 (dua) metode ini memiliki nomor digital yang sama dari 472319 yang dijelaskan dalam Al-Hijr 15.87. Kesimpulan kedua pendekatan tersebut memiliki angka konsistensi 472319 atau persamaan Hahslm. Persamaan Hahslm ini terdiri dari Islam sebagai bagian integral dari Universe guidance Theory (UGT).

Kata kunci: hahslm, 472319, bilangan segitiga, semesta, rumus Tuhan

Abstract

The research aims to find the consistency in the different phenomenon of mathematic such as triangular numbers and creation of universe. The equation number of the triangular numbers is 72319. And also God equation has the same digital number of 72319 to create the universe. The research data is from the Quran and real factor in universe. The methodology use system approach based on prophecies development and empirical values. The approach of the study is descriptive analysis with comparative advantages. Triangular numbers have group of 319, 913, 616 to form reflexivity equation. Allah math has algorith of 725 to create the universe as Quran Al-Anbiya 21.30. These 2 (two) method have same digital numbers of 472319 that explained in the Quran Al-Hijr 15.87. Conclusions are both approach has consistency numbers of 472319 or Hahslm equation. This Hahslm equation consist of Islam as the integral parts of Universe guidance Theory (UGT).

Keywords: hahslm, 472319, triangular number, universe, god equation

A. INTRODUCTION

God has given name to Islam as religion, hence its answer can be anything and will fulfill sky and earth along with its contents. In general, Arabic morphology divided into 3 form: verb, noun, and adverb. Unfinished process is the meaning of the word Islam which is included in basic word. This word expresses the nature of dynamic and not static. Islam is a dynamic movement for every single matter in this world.

Numbers have been utilized in human life since the beginning of time as basic symbols. If Allah would give the symbols of life, then it would appear from the root of life. One of the life root symbol is a digital root.

The natural numbers are 1,2,3,4,..... etc or called counting numbers. The sums from natural numbers called arithmetic numbers 1,3,6,10,..... etc. or triangular number.

From the dictionary of mathematics: number is ancient basic character in this modern math application. In mathematics, a natural number (also called counting number) can mean either an element of the set $\{1, 2, 3, \dots\}$ (the positive integers) or an element of the set $\{0, 1, 2, 3, \dots\}$ (the non-negative integers). The former is generally used in number theory, while the latter is preferred in mathematical logic, set theory, and computer science. A more formal definition will follow.

There are two main purposes that the natural numbers have: they can be used for counting ("there are 3 apples on the table"), and they can be used for ordering ("this is the 3rd largest city in the country").

The number theory studies properties of the natural numbers related to divisibility, such as the distribution of prime numbers.

Significance and formula of the digital root

It helps to see the digital root of any positive integer n as the position n holds with respect to the last multiple of nine to the left of

n . For example, the digital root of 11 is 2, which means that 11 is the second number after 9. The digital root of 23 is 5, this means that 23 is the fifth number after a multiple of nine to the left of 23; in this case, 18. The digital root of 2035 is 1 which means that 2035-1, that is 2034, is a multiple of nine.

The digital roots of {1,2,3,4,5,6,7,8} which are the same digits themselves, reveal their position with respect to 0. The digital roots of nine and all of its multiples are nine, however, they all play the same role that zero plays for the integers from 1 to 8. It helps to think of the number nine and all its multiples as a kind of zero or zeros, so that the other integers able to reveal their position or digital roots with respect to them. This is in part the nature of the decimal system.

With this in mind we may think of the digital root of the positive integer n as $S(n)$, defined by:

$$S(n) = n - \max\{9k \mid 9k < n\}$$

which precisely says that,

$$S(n) = n - 9 \left\lfloor \frac{n}{9} \right\rfloor$$

The function of Digital Root in Excel is: (1+MOD(n-1,9))

This formula will give the digital root of n and will assign the value 0 to all n which are multiples of nine.

First, there are counting natural numbers. Second, there are arithmetic numbers. Third, there are digital root.

In this digital root, arithmetic number will only have 1 digit in every form. Digital root is also an old fundamental function in the study of Algebra and Math's.

A triangular number is the sum of the n natural numbers from 1 to n .

$$T_n = 1 + 2 + 3 + \dots + (n-1) + n = \frac{n(n+1)}{2} = \frac{n^2 + n}{2} = \binom{n+1}{2}$$

Every triangular number is a binomial coefficient as shown in the rightmost term of this formula: the n th triangular is the number of distinct pairs to be selected from $n + 1$ objects. In this form it solves the 'handshake problem' of counting the number of handshakes if each person in a room full of $n+1$ total people shakes hands once with each other person.

Table God Number

Numbers Digitalroot

Amount

No. Urut	1	2	3	4	5	6	7	8	9	10
Akar Bilangan	1	2	3	4	5	6	7	8	9	10
	1	1	1	1	1	1	1	1	1	1
	1	1	1	1+1	1+2	1+1	1+1	1+1	1+1	1+1
	1	1	1	1	1	1	1	1	1	1
Jumlah	1	3	6	10	15	21	28	36	45	55
	1	0	0	0	0	1	1	1	0	0
	1	1	1	1	1	1	1	1	1	1
		+	+	+	+	+	+	+	+	+
		2	2	2	2	2	2	2	2	2
			+	+	+	+	+	+	+	+
			3	3	3	3	3	3	3	3
			+	+	+	+	+	+	+	+
			4	4	4	4	4	4	4	4
			+	+	+	+	+	+	+	+
				5	5	5	5	5	5	5
				+	+	+	+	+	+	+
				6	6	6	6	6	6	6
				+	+	+	+	+	+	+
					7	7	7	7	7	7
					+	+	+	+	+	+
						8	8	8	8	8
						+	+	+	+	+
							9	9	9	9
							+	+	+	+
								10	10	10

Numbers 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40.

Triangular Numbers

1, 3, 6, 10, 15, 21, 28, 36, 45, 55, 66, 78, 91, 105, 120, 136, 153, 171, 190, 210, 231, 253, 276, 300, 325, 351, 378, 406, 435, 465, 496, 528, 561, 595, 630, 666, 703, 741, 780, 820, 861, 903, 946, 990, 1035, 1081, 1128, 1176, 1225, 1275, 1326, 1378, 1431.

Digital Root 1,3,6,1,6,3,1,9,9,1,3,6,1,6,3,1,9,9,1,3,6,1,6,3,1,9,9,1,3,6,1,6

The study of Sinlammim method showed that amount of numbers (1,2,3,4,5,6,7,8,9,10,12,13, ... etc) are representing number showing the evidence of the greatness of Allah (Aziz, 2006). According to QS. Luqman [31]: 27.

And if all trees on earth were pens and the ocean (were ink) with seven oceans behind it to add to its (supply). Yet would not the Words of Allah be exhausted (In the writing) for Allah is exalted in power, full of wisdom.

Those indefinite number which use all oceans and all forests will back to the highness of Allah. Clearly there are repetition of digital root number from serial number and existing digital root.

Those digital root can be grouped into 3 parts which consist of 3 numbers.

Group I: 3,1,9

Group II: 9,1,3

Group III: 6,1,6.

From group I, digital root is the same with symbols on the left hand. Number 3 (three, from 319) is the same with number (three, Arabic) which pointed to little finger, ring finger, and middle finger.

Number 1 (one, from 319) is the same with number 1 (one, Arabic) which pointed to fore finger. And number 9 (nine, from 319) is the same with number 9 (nine, Arabic) which pointed to thumb.

And also the digital root 319 relating with Holy Book 3.19 as al-Quran 3.19 (surah 3, ayah 19) which say: the religion beside Allah is Islam.

The digital root is 913 in group III. Those numbers (913) can be seen on the right hand as a number and as a letter. Letter in Arabic is written from right to left, then number 913 match with hijaiyah sin lam mim (س ل م, alphabet Arabic). Where 3 for alphabet sin (س, Arabic), 1 for alphabet lam (ل) and 9 for alphabet mim (م). Sinlammim is the word root of Islam, and Islam came from word root of sin lam mim.

What is the big mystery of digital root? The answer is group III, digital root 616. If digital root group I and II (319 and 913) show the hidden symbol of Islam, then 616 must be consist of the hidden symbol of Islam.

Number 616 can be seen as "Beside 1 is 6". If 1 substitute with God, and 6 substitute with Islam, then 616 can be said "Beside Allah is Islam" (remember al-Quran 3.19). There are statement beautiful name of Allah in other surah (Asmaul Husna): 1.Allah, 2.Ar-Rahman, 3.Ar-Rahim, 4.Al-Malik, 5.Al-Quds, 6.As-Salam. Digital root 616 can be changed from these Beautiful Name, Allah for 1, and As-Salam for 6 (As-Salam can be derived as Islam).

The extreme conclusion for digital root 616 is the hidden number of 7. Number 616 consist of 2 natural numbers which are 6 and 1.

The digital root of 6 and 1 is 7 (seven where $6+1=7$).

There is a sentence about the seal of 7 in the Holy Book of New testaments. Is this digital root 616 one of the seal of 7?

Natural numbers which represent all these digital root of 319 (group I), 913 (group II), and 616 (group III) are 1,3,6,9.

From these numbers 1,3,6, and 9 we can get its digital root as: $1+3+6+9=19$, then $1+9=10$, then $1+0=1$. Therefore, the root of digital root from natural numbers is 1. If 1 can be substituted with God, then expression of these digital root is every single natural number is praying to God.

Where did Allah stated that every single natural number is praying to God? See QS. Al-Kahfi [18]: 109, "Say: If the ocean were ink (wherewith to write out) the words of my Lord, sooner would the ocean be exhausted than would the words of my Lord, even if we added another ocean like it, for its aid".

1 3 6 9 (First Line, Digital Root)

1 8 1 0 9 (Second Line, Al-Quran surah 18 ayah 109)

This puzzle of digital root and al-Quran almost have the same form in arithmetic style. In column 1, the number are the same (1). In column 2 and 3, the numbers have same value in digital root of 9 ($3+9$ and $8+1$ equal to 9). In column 4, there is a separate space by empty number for digital root and zero for al-Quran. And in column 5, the numbers are the same (9).

Definition of Hahslm Theory (H Theory) according to Roikhan (2015) is: 1. Narrowly, H Theory is defined as the theory of archetype by the dominant of three elements in a particular context at five-dimensional invariant arrangement.

2. Widely, for the most common use H Theory can be interpreted as a theory of the basic concepts in creation pattern with a certain relationship. H derived from the formula of Hahslm, quran letter of Hijr, also stands for Huda or Holy.

And the meaning of H Theory:

1. A complete set of systems / holistic / integrated part that consist of three main elements, primary (creator / intermediary), secondary (creation / receiver), tertiary (worship / transmitter).
2. These three elements will meet the statement that the primary is the highest and secondary is below, and do it tertiary (God created human to worship).

It is necessary to deeply understand about the ontology that has been associated with Islam in order to know about the philosophy of H Theory, both literally and meaning. Further development in epistemology that Islamic institutions has Kaffah is presenting new terminology into a more comprehensive approach. In general philosophical, H Theory can be sentenced sequentially: the background of H Theory is Islamic values with the comprehensiveness concept through a balanced way to embody the meaning of worship in life.

This is in accordance with the Quran that reads 'silmi kaffah' with the explanation that the word 'silmi' is a derivation of the letter sin lam mim. The word root of sinlammim in general is one solution to penetrate the development of the concept in order to solve the fundamental problems. It was felt the need for a better method to be a balance in addressing the limitations of the methodology in the study of Islam.

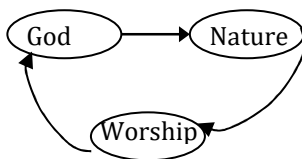
Figure 1 Posts Islam In The Human Hand



Source: Aziz, 2006

It is also in line with the current development of civilization that it deems necessary to find a bridge ground on the issue of existing civilization institutions by switching to matters which related to the spiritual. In the near future, human ask for more better idea, sharper and able to answer all aspects. This will be the impetus of proof that the H Theory also includes the search for identity regarding the simplest of Islamic knowledge which started from a human hand.

Figure 2 Kaffah Thinking in Islam



Source: Aziz, 2010

The figure of kaffah thinking in Islam above means that a comprehensive system must be worth

of Islam, so that a kaffah system will consist of 3 main parts: God, Nature, and Worship. These 3 variables will metamorphosis into particular context of the focus topic. But the basic idea of a system or sub-system intact, it must consist of 3 things. H Theory approach can be developed in life such as actions institutional development. By changing the first element of the God to action macro elements, then the second element is nature which can be converted into a an action micro element, and third element is feedback can be converted into worship then transformed into action opportunities in life.

Basic word that consists of 4 letters (3 letters + 1 letter) became the main root word to form the word of Islam. Then this basic word will be written in a simple equation to proof that Islam is equal to alif sinlammim.

Function 1

Islam = Alif (Sin, Lam, Mim)

Where, Islam = I, Alif = A, Sin = S, Lam = L, Mim = M.

Formula:

$$I = A (S, L, M)$$

Now from the word Islam, the equation has 4 variables: alif, sin, lam, mim. These 4 variables will be used as benchmarks for the development of other formulas. There is verse in the Qur'an, Surah Al-Hijr [15]: 87:

وَلَقَدْ آتَيْنَاكَ سَبْعًا مِّنَ الْمَثَانِي وَالْقُرْءَانَ الْعَظِيمَ

"And We have certainly given you, [O Muhammad], seven of the often repeated [verses] and the great Qur'an" (Q.S. Al-Hijr [15]: 87).

The formula obtained are the dimensions of time and space from H Theory above. Allah implicitly mentions that 7 is repeated, then human civilization interpreted it after 14 centuries as a symbol of the time dimension from arguing the word of matsani or repeated. While the Quran is symbolized as dimension of space that divided into 4 forces, it is interpreted from word of azhiim or deep meaningful space. In the science, the dimensions of space has been divided into four forces.

According to Roikhan (2015) from verse 15.87, the theory obtained two main variables, 7 (Seven) and the Qur'an. Seven (7) is regarded as an absolute variable, and the Quran can be factored into 2,3,1,9. In multiply function, the result of 2x3x19 is 114. Therefore, the formula has five numbers, 7,2,3,1,9. The numbers are converted into letter to make it easier to be read in a formula. It can be interpreted as 7 to A (Alif), 2 to h (Hanif), 3 to S (Sin), 1 to L (Lam) and 9 to M (Mim) from the table above, to finally get the AhSLM formula. It requires the dependent variable to make an equation, and the variable is H (Ha). Ha derived from the number 4. The number 4 is derived from the sum of independet variables: 2 + 3 + 7 + 1 + 9 = 22. And 22 can be turned into digital root as 2 + 2 = 4. Finally, there is an equation that H = Ah (S, L, M). This formula can be read as an everyday life, for example H is life then A reflects the corridor or boundary in the community, h reflect the balance of circumstances, S reflects the relationship with human and surrounding, L reflects the relationship with the creator of universe, and M reflects the intangible relationship or natural chain. Variable M is elusive in life.

The equation found by the Muslim scholars in the form of Theory H or Hahslm can be a new concept to disclose mathematical science which has not yet been discovered. The science that is still a mystery and has not been revealed is about science of the beginning of life, or the origin of the universe.

Physics theory concerning the beginning of the universe for instance is the Big Bang Theory. This theory is mentioned in the Quran Surat Al-Anbiya [21]: 30 with meaning:

Do not the unbelievers see that the heavens and the earth were joined together (as one unit of creation), before we clove them asunder? we made from water every Living thing. will They not then believe?

Islamic scientists explained that the Quran opens the initial veil the universe in the form of *ratqan* or a solid thing such as a dot or a circle. Then this circle was separated into 2 (two) parts. Explanation about the separation from 1 (one) solid thing into 2 (two) parts were stopped here, it means there is no further description in a narrative for separation of 2 (two).

Modern scientists with empirical logic explain that there was a big bang from a very dense particle which then led to all directions at the beginning of the universe. And the process of fractions into small pieces, then becomes several patterns. Some join into one block between the small fragments and some stand alone and others can be broken again. Until it reaches formation like the universe today.

According to Aziz (2019) with Theory H of the process of creation, this universe occurred with an algorithm which is the same with process of digital root Hahslm.

The process of creation of the universe, in Theory H:

1. There is a solid object in the form of big dense dot or a circle that becomes the forerunner of the universe
2. This circle has a magnitude which is 360 degrees.
3. The circle separated into 2 (two) parts
4. The 360 degree circle is split becomes multiplication between 72 and 5.
5. The particle group 72 are particles which is anti-matter or as a constant in a system
6. Particle group 5 is a particle which is material or better known as a variable in a system.
7. The material particle group or this variable can be further divided into 5 (five) sub-systems which consist of 3 (three) groups, such as:
 - a. Variable groups of subordinates in the form of a combination of 3 (three) sub-systems.
 - b. Variable groups of super ordination in the form of a single sub system.
 - c. The median variable group in the form of 2 sub-systems which have different magnitudes with sub-ordination groups and super ordinations. Then digital number for this median variable are not 1 (one), but 9 (nine) to describe groups of variables has differentiation and more bigger.

In equation the process of creating the universe, as follows:

$$\text{Equation of Circle} = \text{variable} \times \text{constant} \dots\dots\dots (1)$$

$$\text{Degree of Circle } 360 = 72 \times 5 \dots\dots\dots (2)$$

Then the variables are broken down into 3 (three) groups, arguing that 5 (five) are grouped into many groups. The word many or plural according to Arabic grammar as the Quranic language has the least amount of 3 (three). So that variables 5 (five) are grouped into 3 (three) parts, as follows:

$$\text{Mathematic Variable lots} = \text{general variable} + \text{single variable} + \text{large variable} \dots\dots$$

(3)

Degree of Variable Lots: Five = three + one + large

(4)

Numbers of Variable Lots: 5 = 3 + 1 + 9

(5)

Variable 5 can be substituted into 3 (three) groups of variables 3,1, and 9.

The creation equation for the universe becomes a combination of equations between (2) digit and (5) thing, which are as follows:

$H = 72 \times (3,1,9)$

(6)

With digital root with numbers 72319, then $7 + 2 + 3 + 1 + 9 = 22$ which is $2 + 2 = 4$. So that the digital root equation, H is obtained

$4 = 72 (319)$

(7)

And this equation (7) turns out to be identical with the Hahslm equation as described earlier. There are 3 (three) groups of pattern numbers in triangular numbers, such as 319, 913, and 616. Then these numbers represent of 7 from third group of 616 where $6+1=7$. And 2 comes from the pattern of 319 and 913 that have same numbers but appear differently. And 319 is the representation of first group such as 319. Then appear rrepresentation number from these triangular numbers, 72319.

Triangular equation 72319

(8)

Comparison between triangular number and creation of universe in number shows that there are identical equation in number. The consistency of number in these comparison explain that the creator of the numbers in triangular number ammd the numbers in creation of universe is the same God. These mathematical phenomenon has been created by one God, and the intrinsic meaning in these creation is the symbol of Islam.

B. CONCLUSIONS

God has also created equation in mathematics. The first Allah Math to make universe is 72×5 , described by Modern scientists as anti-matter and matter. This God Equation spreads into every single system. This numbers showed the consistecy of creation by God.

Islamic approach from root of word such as the Sinlammim method used Arabic number data which has already been internationalized from 1 to indefinite numbers (1,2,3,4,5,6,7,8,9,10,11,12,13, ... etc). These pattern numbers known as triagular numbers are 319, 913, 616. These numbers represnt of number digit of 72319.

The universe creation has equation numbers: 472319 and so does modern mathematics with group of root word as triangular numbers. These comparisons between the universe creation in Islam and triangular numbers by modern science represent the complex form from other science and knowledge ground to have the Universe Guidance Theory (UGT) where Islam has a meaning of answer theory of everything (rahmatan lil alamin).

C. REFERENCES

- Ali Audah, 2003. *Concordance Qur'an*, Pustaka Litera, Jakarta.
- Al-Qur'an. 2018. *King Fahd Holy Qur-an*. Al-Madinah Al-Munawarah.
- Aji, Rizqon Halal Syah. 2014. *Khazanah Sains dan Matematika dalam Islam*. E-Journal UIN Jakarta.
- Anonim. 2013. *Sederhana Itu Bahagia*. Diakses pada tanggal 12 Oktober 2017 melalui <http://fikrihamzani.blogspot.co.id/2013/04/matematika-dalam-islam.html> jam 23:04
- Ariffada, Y., Rofiqoh, D., dan Kusaeri. 2016. *Dinamika Perkembangan Matematika Abad Pertengahan Hingga Munculnya Gerakan Renaissance (Implikasinya Terhadap Pembelajaran Matematika di Sekolah)*. Jurnal Fourier Vol. 5 No. 2 49-56.
- Aziz, Roikhan Mochamad. 2005. *Sinlammim Kode Tuhan*. Esa Alam, Jakarta.
- Aziz, Roikhan Mochamad. 2006. *Jejak Islam Yang Hilang*. Sinlammim, Jakarta.
- Aziz, Roikhan Mochamad. October 2008. *The Application Of Mathematics In Information System Based On Al-Quran*. Working Paper, Studium General, State Islamic University (UIN) Jakarta, Indonesia.
- Aziz, Roikhan Mochamad. October 2008. *The Mistery of Digital Root Based On Sinlammim Method*. Proceeding. Institut Teknologi Bandung (ITB). Bandung, Indonesia.
- Aziz, Roikhan Mochamad. October 2008. *The Root Of Mathematics And Science Is level Compared With Religious Thinking*. Proceeding. State Islamic University (UIN) Jakarta, Indonesia.
- Aziz, Roikhan Mochamad. 2009. *Kaffah Thinking on Sinlammim Method Through Digital Root*. Proceeding, ISOIT International Seminar on Islamic Thought, UKM, Bangi, Malaysia.
- Aziz, Roikhan Mochamad. 2009. *Education on Root Of Islam*. Proceeding, International Seminar On Islamic Education. UNJ, Jakarta.
- Aziz, Roikhan Mochamad. 2009. *New Paradigm on Sinlammim Kaffah In Islamic Economics*. Jurnal Ilmu Ekonomi, Fakultas Ekonomi Bisnis, Universitas Islam Negeri Syarif Hidayatullah, Jakarta.
- Aziz, Roikhan Mochamad. April 2009. *Pemodelan Institusi Keuangan Islam Berbasis Metode Sinlammim Kaffah (Studi Kelayakan Pada Bofsa)*, UII, Jogjakarta.
- Aziz, Roikhan Mochamad. October 2009. *Kaffah Thinking on Sinlammim Method Through Digital Root*. Proceeding, UKM Malaysia.
- Aziz, Roikhan Mochamad. 2010. *Islamic Civilization Versus western System*. Proceeding. International Conference on Islamic Civilization. Kahorem Pakistam.
- Aziz, Roikhan Mochamad. 2010. *Education on Root of Islam*. Proceeding International Seminar Islam's Contribution in Education to Empower Human Resources.
- Aziz, Roikhan Mochamad. April 2010. *The prospect of IslamicRevival in Indonesia 2015 Based on Development of Sukuk The Skuk Through Sinlamim Kaffaf Method*. Approved Paper For Seminar Sharia Economics Days (Second), UI, Depok.
- Aziz, Roikhan Mochamad. 2011. *New Paradigm on System Thinking*. Jurnal Ekonotika. Fakultas Ekonomi Bisnis, Jurusan Ilmu Ekonomi Studi Pembangunan (IESP), Jakarta.
- Aziz, Roikhan Mochamad. 2014. *Integrasi Ilmu Ekonomi Islam: Pendekatan Filosofis dan Simbolik*. Integrasi Keilmuan. UIN Press, Jakarta.
- Aziz, Roikhan Mochamad. 2014. *Islamic Physics*. Proceeding of Islam, Science, and Civilization UIN Walisongo dan Universitas Teknologi Malaysia.
- Aziz, Roikhan Mochamad. 2015. *Rumus Tuhan Hahslm Dalam Ekonomi*. Buku Program Seminar

Nasional Fakultas Ekonomi Universitas Terbuka.

- Aziz, Roikhan Mochamad. Agustus 2015. *Rumus Tuhan Hahslm Dalam Berpikir Menyeluruh Sebagai Metodologi Ekonomi Islam*. Proceeding ICIEF15: Strengthning Islamic Economics and Financial Institution for Financial Institution for the Welfare of Ummah. Universitas Mataram, Lombok.
- Aziz, Roikhan Mochamad. September 2015. *Hahslm Islamic Economics Methodology*. Proceeding ICOSEC: Developing Countries Readiness Toward Global Universitas Negeri Solo, Surakarta.
- Aziz, Roikhan Mochamad. 2016. *Teori H Sebagai Wahyu Dan Turats Dalam Islam*. Jurnal Ushuluddin Vol 24 No 1. Universitas Islam Negeri Riau.
- Aziz, Roikhan Mochamad. 2017. *Islam Dan Pengetahuan*. Salemba Diniyah, Jakarta.
- Aziz, Roikhan Mochamad. 2019. *Religion And EpistemologyL Reflexivity of Islam*. Proceeding, Iconist, UIN Malang.
- Aziz, Roikhan Mochamad. 2019. *Hahslm Equation In Quran Al-Hijr 15.87*. Proceeding, Iconquhas, UIN Bandung.
- Marsigit. 2012. *Sejarah dan Filsafat Matematika*. Fakultas Pascarsarjana UNY.
- Maarif, Samsul. 2015. *Integrasi Matematika dan Islam dalam Pembelajaran Matematika*. Jurnal Ilmiah Program Studi Matematika STKIP Siliwangi Bandung Vol. 4 No. 2.
- Ozdural, Alpay. 2000. *Mathematics and Arts: Connections between Theory and Practice in the Medieval Islamic World*. *Historia Mathematica* 27, 171–201.
- Tzanakis, C., & Arcavi, A. 2000. *Integrating history of mathematics in the classroom: An analytic survey*. In J. Fauvel, & J. van Maanen (Eds.), *History in mathematics education* (pp. 201–240). The ICMI Study. Dordrecht: Kluwer Academic Publishers.
- Wahyu, Kamirsiyah dan Mahfudy, Sofyan. 2016. *Sejarah Matematika: Alternatif Strategi Pembelajaran Matematika*. Beta Vol. 9 No.1.
- Jones, Lesley. 2003. *Mathematics and Islamic Art*. In: *The Changing Shape of Geometry-Celebrating a century of Geometry and Geometry Teaching*, Pritchard C. (Ed), Mathematical Azzociation of America, Cambrudge University Press.
- Shallit, J. O. 1985. *On Infinite Products Associated with Sums of Digits*. *J. Number Th.* 21, 128-134.
- Weisstein, Eric W. *Digital Root*. From MathWorld-Awolfram Web resources. <http://mathworld.wolfram.com/DigitalRoot.html>