# Mazandaran Ritual Music Influenced the Local Architecture

# Saba Mojtabavi\*

Department Name, University/ Department of Architecture, Damghan Branch, Islamic Azad University, Damghan, Iran,

## **Mouood Sadat Mojavery**

Department of Architecture, Babol Branch, Islamic Azad University, Babol, Iran,

#### **ABSTRACT**

Arts connected with each other issue that always comes among artists. Influence and impact of arts on each other ever in the history of art, an idea has been educating and promoting.

Music has always been a man's chest to chest and then to the present generation to preserve a part of them and the others has been forgotten. Mazandaran music that came out of the lives of the people of this land, atmosphere and mood Complex represents the slum. Mazandaran's for many of their daily activities, melodies with lyrics clear that each day they do their work when they whispered to himself. The relationship between architecture and music of past centuries has been considered, as Goethe was one of those philosophers that the relationship between music and architecture as the architecture as "frozen music," stated, this interpretation had its own pros and cons, some of he also completed the interpretation and architecture called "silent music".

Recorded and kept it in the context of geometry and architecture to create geometry in math elements takes place later on. However, on each floor of the building we can see mold on the windows, openings and gaps of silence we hear the melody, we can also by looking at the fuselage sides of a two or three-storey buildings, in the form of a one-eyed Harmony we get the savings. In other words, as our knowledge of harmony chords and the ability to characteristics of their connection with each other, according to special values, melodic and weight make them aware, the probe can also be picked Harmony Music tissue.

#### Keywords

Art, Music Mazandaran, Architecture, Music, Frozen, Geometry.

#### 1. INTRODUCTION

While some people do not know the seven arts and architecture of the eighth series of seven art plus arts (photography) know, has always been the art of architecture and the arts have had a dramatic impact.

In universities and schools of architecture often said to be one of the arts that are involved with it and share music, but how it is used less expressed. Articles that are written in this regard to the middle of the way we move forward and only see schematic and layouts appear in front of their eyes. Stating the example and experience of the mind to move forward platform and means to get music influence on the architecture and vice versa, should be experienced and taste. As Martin Heidegger says, "Whenever philosophy and modern science are opening the secret to stay open, it opens and the Art of Knowing" and said Babak Ahmadi "While science computations, trying to unveil the secrets of the universe, sometimes it fails, the art of intuition and discovers

secrets pays it ". Means to get music influence on the architecture and vice versa, should be experienced and taste.

The effect is like reading poetry and music Amol in Mazandaran province and its application in people's lives poetry and music lyrics Mazandaran, Mazandaran climate and natural features of the region can be seen clearly. Live and tangible elements of nature, rugged, forested mountain, sea ranching and agricultural work in such a way that artistic image.

Music has always been a man. The mouth to mouth from generation to generation until today, some of them have been preserved and partly forgotten. Since the maintenance of sound carriers has taken over almost a century, it only works belong to fifty years. For example, in the book of Mazandaran music mentioned that when Nasereddin Shah has traveled to Mazandaran reveler refer to that song playing Mazandaran.

Tabari research in different areas of serious musical language reveals why and how these differences. The musical culture of foreign nations such as Godard and also internal migration and settlement groups of guilds and clans such as the Kurds and Druze, and changed the musical diversity of the region. Moreover, the prevalence of religious music in simple shapes and primary manna to expand the types of Chavoshian, mourning and lamentation, always with sounds and voices in Iran and other parts of serial music was accompanied, among other factors, these changes are considered.

# 2. RESEARCH METHODOLOGY

Obviously, any scientific study requires a methodology that fits your theme. A study of the Guiding Principles, select appropriate research methods and continuity of the process and the project. Method of dealing with the problem, interconnected and two-way structure and nature of the investigation. In the present study, it is trying to build methods, means and vernacular architecture of Mazandaran province on the basis of documents considered to be part of the architectural value of the area brighter.

The research method based on descriptive and analytical study based on library studies, documents are available, that by exploring the research and taking into account the specific circumstances of the regional, sustainability indicators were identified and offered. To obtain optimum results, library resources such as books, pamphlets and articles and is used to analyze the material obtained and the complete and definite conclusion.

# 2.1 Environmental Characteristics, Geographical and Climatic Mazandaran

Mazandaran province with an area of over 44552 kilometers of between 35 degrees and 47 minutes north latitude and 50 degrees 38 degrees 5 minutes and 34 minutes to 56 degrees 14 minutes east longitude from Greenwich meridian is located. [8] The northern limit of the Caspian Sea and the countries of the former Soviet Union (Turkmenistan), south of Tehran and Semnan Province, the western and the eastern province of Gilan province is it. [8]

Caspian Sea coast with a temperate climate and abundant rainfall, such areas is moderate. The area is enclosed bar between the Alborz mountains and the Caspian Sea, the mailing is made plain that whatever will advance to the East, humidity and reduced air moderation. [16] Moderate temperature, high humidity and abundant rainfall of the most important features of the area. The average maximum temperature in the warmest month (August) between 6/36 to 8/25 and the average minimum temperature in the coldest month (January) is between 5.4 to 8.6 degrees Celsius. Minimum relative humidity in the summer, more than 40 percent and at stations close to the sea about 65 to 90 percent. In all parts of the region, in all months of the year. The total rainfall of over 500 mm rainfall in most stations. In the winter months of sunshine in the summer between 25 and 55 percent and the percentage is about 45 to 60 percent. [17]

#### 2.2 The Historical Record of Mazandaran

The discoveries in the caves of Hutu and belt (in the city), evidence of human life in the 7,500 years before this is achieved, in addition, archaeological excavations in Gohar Tepe, Mazandaran and Golestan proved more than five thousand year history of urban civilization and the Caspian as one of the most important archaeological sites known in the Middle East and in the culture and civilization has played an important role in people's urbanization, Mazandaran part of the kingdom of Hyrcania, Hrganh, and then a province of the Kingdom of Tabaristan (after Shah Abbas of Iran and Mazandaran provincial state Tabaristan was from the state), and its Native People Topor (Mazandaran) and statistician and are Gilak, based on a legend among them, Noah's family lineage and their dignity to indigenous people believe that his ship lies in Tehran, Mazandaran's economy depends entirely on the nature of grace, that of agriculture and food production having the highest among all regions of Iran Seafood in neighboring countries such as caviar, are the real beneficiaries in this province, as well as tourism each year, more than twelve million passengers from Mazandaran visit. [17]

Music Caspian region can be divided into several separate parts: Gorgan province from the east to the south, Semnan, Tehran, on the west by Gilan, and from the north to the Caspian Sea is adjacent. This special geographical situation makes music culture with the music of Khorasan and Mazandaran in the Eastern District of Turkmen mixed and the West have more or less features music Gilani.

Mazandaran folk music is divided into these areas: traditional music Tabari (on the mountains and steppes of Central Province), music Aliabad Branch (Ivy central neighborhood of old Astarabad blocks), music godary (Qanbar-abad to city center), music Khneyaye East Province (on the plains of East Kordkoy between Hello Sari, Mazandaran), West Mazandaran music (from both sides of the river Chalus to both sides of the river Nshta) [14]

The relationship between music and architecture

News of architectural abstract, whether natural elements and architectural modifications are not as they should be. Recorded and kept it in the context of geometry and architecture to create geometry in math elements takes place later on. On each floor of the building we can see mold on the windows, openings and gaps of silence we listened to its melody. In other words, as our

knowledge of harmony chords and the ability to characteristics of their connection with each other, according to special values, melodic and weight make them aware, the probe can also be picked Harmony Music tissue.

All the arts are cross-linked together, because they are the source of all manifestations of beauty. The beauty in architecture and sculpture in the form of length, width and height ratios occurs. In a face proportions that create beauty. Sometimes the colors fit together to create beauty that there is a set of optical frequencies, proportions evoke pleasant. Beautifully lead in the musical sound ratios, proportions that seem to fit. Fitness is sometimes and sometimes in the way Audio Visual. Olfactory and tactile about the things mentioned, so all the arts are one way and it is an aspect that is already designed with the geometry of our hearts.

We are working on a segment of length one, only to find a spot that gives us the most succinct. In all the arts brevity, is one of the conditions. At some point we will find, of all segments in large part, the ratio of large to small, and this ratio, number Phi ( $^{\circ}$ ) us that the so-called Divine Proportion is said, means that we no monotheistic everything from the way the real world that we face a real unity of the universe originate, for our good. After a number are numbers two and three. All steps in music are derived from these two [7].

## 2.3 Rhythm in Music

Thread's or three beat rhythm when we arrived, we are faced with two percussion. This does not rule out a Reytm at all. When the rhythm of the combined product of the numbers two and three, and when the rhythm is complex, the sum of the two numbers with a variety of different arrangements. When we spot a monotheistic world that is moving towards pluralism, by two and three are facing. In architecture, with optical frequencies the length, width and height define, dealing and when these three to be the most succinct form, you'll feel beautiful and had a good spirit and the proportion in most of the great works of architecture has. Interestingly, the proportions of the human body, anatomy, birds, trees and everywhere in nature to the divine than there [7]. A rhythm function of time and in different aspects of visual, audio, as well as the name mean in grammar. Like light in the flame and fragrance in flower bud. Rhythm is a complex phenomenon that exists in all the artwork. In fact, pulse, respiration, which gives life, and stirs? Is invisible heart that beats inside him and only to him, in order to put a series of phenomena is to be introduced uniformly. In music, composers according to certain rules and sounds combine to create works. In all the parts. so the notes sound of music, Revtm characterizes it. The importance of rhythm in music to the extent that if the familiar songs, all notes play it at the same time, or in other words, the rhythm of the songs is separate, identify songs will be more difficult. However, if the rhythm of the playing song without taking his notes, may be identified songs. Nor can identify a song's rhythm to his notes. Musicians believe that the element of music is an integral and inseparable from, and it gives order and meaning, and form an important component of the songs and the music we feel and understand the impact [7].

#### 2.4 Rhythm in Architecture

The simplest type of regularly recurring architectural elements along a straight line. Inertia and stop with the pause in the architectural aspect is applicable. Landing of the stairs, squares and urban nodes of the aspects of its application. Sometimes by a factor or element in the architectural space and the attention of the viewer, a good agent can be brought to pause and rest. Surrounded

man on architecture based on knowledge of geometry and its rules in defining the shapes and juxtaposing them on paper in the form of maps and architectural design is clearly defined and human exploration of the nature of the materials needed to build a monument to him is good. Subject to certain rules derived from mathematics and physics music scene.

# 3. ARCHITECTURAL FEATURES MAZANDARAN

#### 3.1 Urban fabric:

In areas that are near the beach or the amount of rainfall is high, the air humidity is one of the major problems. Moist air is heavier than dry air and dry air is placed on the underside. So if urban spaces and enclosed air and the wind in their blind do not flow into the city of moist air will accumulate all these spaces and breathing and activities will be very exhausting.

That's why you need to make maximum use of air flow settling in urban areas to prevent excessive moisture. Accordingly buildings in these areas with courtyards and open spaces and wide and are made separately. [13]

The reason for this is the use of air flow to pass through buildings and stagnant, humid air and take with them to the outside and living spaces. Enjoy the beautiful nature and lush residential area also other reasons for integrating the environment with nature. General characteristics of rural and urban tissues in this area are as follows: [13]

- A) Rural and urban contexts as wide open
- B) The relatively large spaces
- C) A compound with walls
- D) The relatively wide streets
- E) Apart from the main buildings, joined together in urban centers

The architectural nature of the substrate to be replaced on the spot where it takes root, remember it takes and is linked with it. The architect of the natural world has to face that affect the spatial order

The architecture of the nature surrounding you go is it human nature to develop an inseparable part of nature comes from that body to accept back to nature. [19]

Mazandaran vernacular architecture blends with nature and climatic conditions unison so that it can be architecture "naturalist" called. Architecture to adapt to environmental conditions and climate outward-oriented architecture known. [11] One of the reasons for the formation of introverted buildings in the area, enjoying the air draft is that in this way we can prevent moisture from stillness stay, and another reason for the maximum use of water and proper perspective within the yard, he said. [18] Typology internal features such as visual and physical links with the outside space, no yard, spread in height and spatial organization to be facing a space like corridors. [3]

#### 3.2 Dominant form and orientation of the

In this area can be used free-form and even the cross shape. However, building form along the east-west axis elongation should be required to be provided Curran. The main front room and porch skylight most of the south. [2]

The main courtyard on the south side of the building in general, and plans to open wide and they are a more physical form of geometric shapes, elongated and narrow. In order to take advantage of the wind at ventilation in rooms for placement of buildings according to the direction of the sea breeze has been set.

In areas where strong winds blowing, the windward buildings completely closed. [16]

## 3.3 Four seasons of the building

Four Seasons in areas such as homes warm and dry, according to the different season's displacement house takes place from north to south, the area also houses the seasonal displacement takes place. Thus, in the cold season will be the most important activities in the first floor rooms. But these activities on the porch in the warm season, especially the second floor porch (Telare) and a second floor room (Telare room) done [13]

#### 3.4 Contact with Earth

Architecture blend with the earth and nature in Mazandaran, together with its associated compliance and the efficiency of it [12] Air moisture and shallow groundwater, causing the floor to the ground floor of buildings above the natural ground as much as possible so that we can stay away from moisture and damp earth at an altitude wind currents higher be interested. [13]

In connection with the body architecture is important in Mazandaran mention a few. First, the construction of the basement in the wet areas is not correct. Second, in terms of the depth of the groundwater in these areas is very low and the soil is wet and has low resistance, the use of foundation to load the loose earth, is quite logical and the third is that the distance between the building and the ground, the possibility of spreading any moisture to prevent the building floor. And the third is that the distance between the building and the ground, the possibility of spreading any moisture to prevent the building floor. The distance from floor to floor in the building near the sea about two meters in buildings located in the foothills about 50 cm or less. This space due to being in the shadows and exposed to air drafts, the whereabouts of poultry (crop), drying wood and Storage is sometimes used as a barn. The use of this space depends on the amount of moisture in different areas. [12]

# 3.5 Materials

Iranian architects were trying to building materials, your themes closer to their places to other places not need to build something and to "be self-contained." Thus, construction work done faster and buildings with their surrounding environment "friendly" to come in and when renovating it ever has been making its content available. Iranian architect believed that the building would have to "boom out" or "AIDS" (here) is. Mazandaran architecture also follows this rule and the construction boom that can be observed as well. [12]

As was stated, "Mazandaran province in terms of natural features in three general areas with cold weather, mountainous, forested highlands area is mountainous and plain areas of the division. In the mountainous area of stone and wood, and wood in the forest district flower coastal plain wood as the main construction materials are ". [12]

#### 3.6 Vernacular architecture Mazandaran

The first time the name was based on the architectural phenomenon of spontaneous architecture that was to invent feet. Here is the order of the spontaneous sense of randomness, but it is normal. [4]

Vernacular architecture, nature and ecology In addition, another component called culture throughout history has had many influences on architecture. In fact, the soul of the vernacular architecture that respected the basic two types of links: Link cultural environment or the cultural value chain with its series of

cultural practices and laws that now-the one hand and on the other hand linked to the natural environment, or with data that the land is liberal: The data that both devices have the intellectual and practical tool both color and size and fit in place and the materials, components and construction elements [4] vernacular architecture can be divided into groups:

A) Architecture rule: custom architecture of the time. Usual "with technical and financial support is associated rulers and the main employers of the three public works (bridges, water reservoirs, inns government (palaces, castles) and the religious Tomb of the kings and mosques) have been divided. [9]

B) Public architecture: these works are usually "formed by ordinary people or the trustee of public institutions and depending on the geographical location of each location a few differences with each other. This category also includes the following groups of residential buildings - monuments are religious and public interest. [9]

Regardless of the type of spaces and forms used in each of the cases classified, the other is divided into two main groups are: Buildings constructed in mountainous areas and buildings built in the plain areas of Mazandaran.

People look Mazandaran always looked to nature with respect and never defiance is not it, but made their assimilation with the surrounding environment, is searching for the best possible combinations in the heart of nature [9].

## 3.7 Another type of architecture

By examining the religious ceremony in Mazandaran province to a certain type of architecture that is unique to the area calling Sqanefar deal.

Sqanefar the names Sqatalar, Sqanefar and butler called Saqinefar, two-story building of wood and wooden half that in Mazandaran native of a particular religion or belief is a special place. Sqanefars religious architecture and related areas by the Shiite Islamic religion and culture and a good value.

Sqanefars, in addition to being regarded as a religious place, are decorated with beautiful and symbolic spaces, like pearls hidden inside the building and adds to its importance. The use of wood in construction as well as beautiful and exquisite carving decorations on building on it that has created a special beauty to it [1].

The pelican's term will also bond with water. Pelican, who sells water or water as well as the monuments dedicated to the drawers of the plain of Karbala Hazrat Abolfazl also been characterized and known. All of this makes you think we're building a building Sqatalar ceremony and praise and honor of having been in contact with water [6]

One of the special features Sqanefars paintings on wood that has religious and secular themes are. Each of these themes represents a subset that is a lot of topics presented in the painting on wood Sqanefars. Religious painting religious subjects in particular with regard to the events and characters drawn Ashoura event. Among the paintings that used in Sqanefars, motifs that take people's religious beliefs, such as Gabriel, the angel of God, King of the punishment or the angel of death, heaven and hell scenes or images of nymphs and etc.

In Sqanefars also an artist with full knowledge and awareness of the impact and the psychology of colors, they used to be. Also, in addition to color symbolism in Sqanefars in different parts of it, various symbols and codes used is interesting. For example, Sqanefars in parallel with official Abolfazl (AS) in Karbala desert, relying on entrance and pass through to rely place that symbolizes the place of Hossein (AS), are located. Rely more interesting architecture that closed on three sides and the fourth side facing

the Sqanefar open. It is built on two floors Sqanefar been penetrated the way to the top floor by the staircase is very steep, indicating a bow to the greatness of it. [1]

As well as openness and space Sqanefar out of the four sides, symbolizing the harmony and continuity man outdoors photogenic. Latitude most Sqanefars three to four and a symbol of the twelve and the twelve Imams. Downstairs on the second floor Sqanefar symbol of the material world and a symbol of heaven and the universe means. [1]

# 4. SQANEFAR RELATIONSHIP WITH THE CEREMONY OF MAZANDARAN

Vow and prayer also one of the interesting customs that are held in Sqanefars. People in Mazandaran province in the Sqanefar vow that if their prayers were met, according to their financial status and capabilities in the month of Muharram (Ashoura, especially in the morning of Ashoura) cook his food and milk among the mourning's. The event takes place on the morning of Ashoura in Sqanefar [6].

One of the popular events will be rain during a drought event. Apart from Sqanefar ceremony will rain in the mosque, the shrine is lean and held. In the event the primary means of supplying milk or rice milk soup prepared by residents in a given day, people gather in Sqanefar and after the eulogies and prayers for rain will sour soup be among the people present at the ceremony, [20]

The designs are in Sqatalar

Seeing this pattern in mind closes the first question that this will be the motifs used are consistent with what is art? Therefore, Sqatalar designs will realize that we must first describe the role of religious and secular divided into two groups and each of these two groups divided into smaller groups.

# 4.1 Mythological motifs

As we know, believe the Iranian Lion and Sun symbol of power, dominion and authority.

Milk is a symbol of strength and power of the sun is a symbol of Mithras. Sun sign as a symbol of purity and power that Lion was shown that both of these were related partly to kings. In this way, the official mark on Iranian flag designs sometimes seen in different periods. Explaining the role of milk in her back semicircular conventional solar has been getting worse since the Safaviyan and then under the reign of Shah Qajar and Iran was elected as the official logo "[21]

Jamshid aligned with the sun; the sun represents the relationship between man and man's relationship with Jam and Jam relationship with the sun. Perhaps he believed that Jamshid asks and father of the first human, is in fact the embodiment of Mithras on the ground [5]

Sqatalar designs can be seen in the abundance of sun. Sometimes a sign of one or more sun and sometimes also plays on the field. According to ancient Persian tradition, at the beginning of creation, when evil on Taft heaven and earth, wax and arid, and does not appear to be the sea, then Tishtar, glorious angel rainy, cloud at sunset in the western sky, earth and wind power in mental and thirty days of rainfall. Every drop of rain, a large pan of water to the lift and descend down. All the people stood on the highest point of land.

After all that wind and water movement were abandoned to the ends of the earth and the ocean, which Frakhgrd called, emerged, [5]

The Pelican Hall, a creature with a human head and hand the countless Rain King is a role or an imagination that is adorned with a crown.

Dragon is the mythical creatures that are present in a wide Sqatalar serious. Sqatalar the columns are in the form of a horned dragon.

Dragon, unlike that in most cultures as a symbol of the destructive forces of terror and lives in the mountains. In some cultures, a symbol of water and rain. In religions, the dragon is a symbol of "human soul", the soul that has been interpreted in terms of a powerful dragon and the dragon we also interpretations of literary texts and esoteric meanings and it's very ironic instead of swords, horses, and side to work done. [10]

In Sqatalar are all myths that the visibility, if they are associated with water likes a snake and poisons Dragon King for rain. Does not this indicate that we thought Sqatalar that kind of faith's foundation is associated with the worship of water and its prohibition? We have the impression that in Sqatalars the role of the dragon is a symbol of water and rain.

#### 5.CONCLUSION

In the visual arts, architecture, sculpture and painting, coordination and the regular rhythm of the sequence of shadows, light, light colors, smooth lines and curves to show. The art of moving and living in and out of the way perception and visual and static can be said that the songs in them. Rhythm in visual art as an integral part of the message is the same relationship that exists between them and relies on short segments of expressive art, dance, poetry and music can be seen. In fact, whenever the stones, colors and lines, a painting, sculpture or architecture is always the creation of a law on the rhythmic curtain that seems to quiet music through the eyes show.

Mazandaran vernacular architecture not only in harmony with the natural environment and climate, but also with people's identity and their social values such as music, consistent and favorable living conditions for citizens in terms of all else.

It can be said; the architecture of this country from past traditions, especially religious music that should be more efforts, rituals, music and architecture will also be maintained.

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