



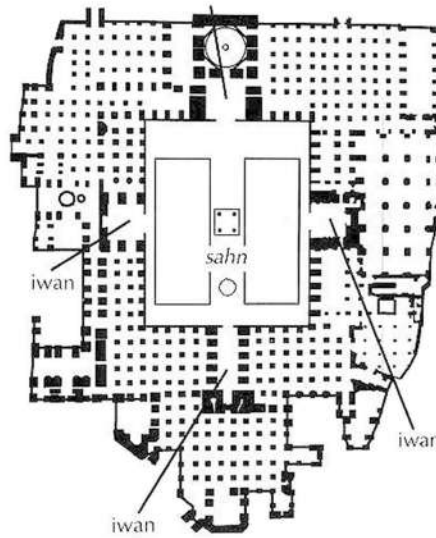
## CULTURAL INFLUENCES

637

Islam reached Iran instigated the amalgamation of the Persian heritage with the new ethos of Islam

840

This mosque was initially built by the early Muslims. The Abbasids rebuilt it CE in a typical hypostyle plan



1029

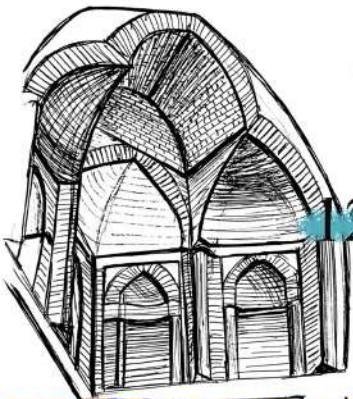
Much of the rebuilding of the mosque was undertaken by Seljuks

1120

madrasa added by the Muzaffarids and a great winter prayer hall and a gate were constructed by the Timurids

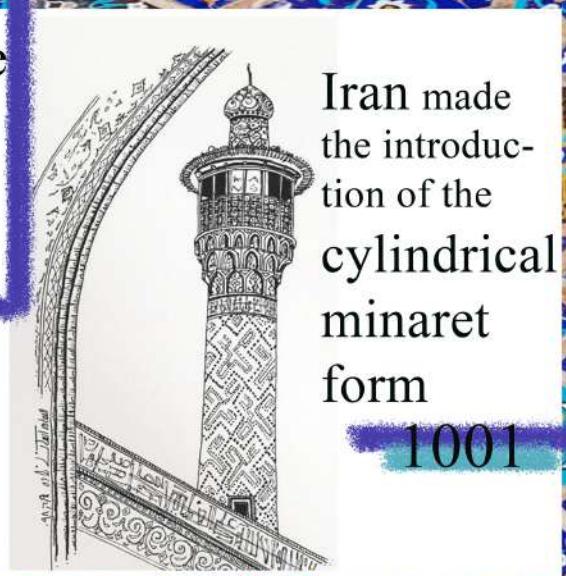
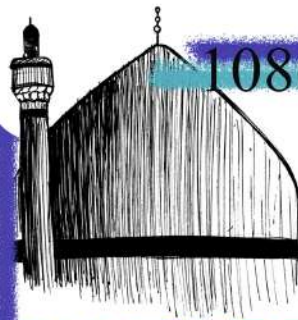
# I S F A H A N

decorated panels and the squinches and windows above them seen only in the High Gothic Period



The mihrab dome was taken from the Umayyad architecture

1086

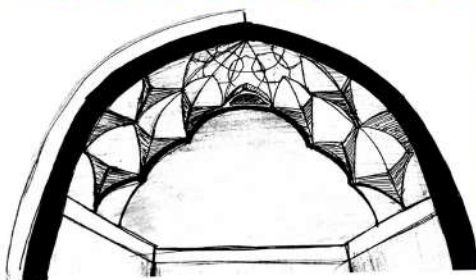


Iran made the introduction of the cylindrical minaret form

1001

# M O S Q U E

muqarnas starts from 11 ce at seljuk period and spread of the use of muqarnas became associated with the Seljuks.



1565



The materials used to cover the wall are from the architecture

of the Sasanian and Mesopotamian architecture





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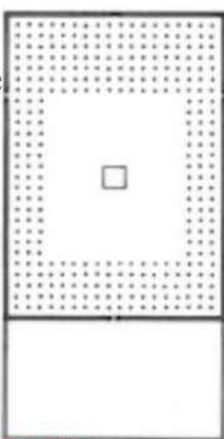
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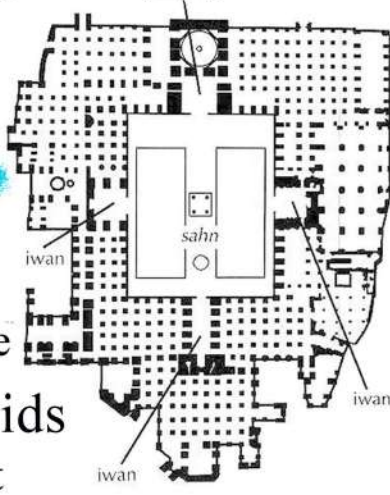
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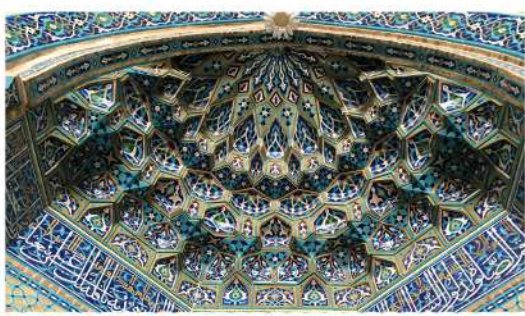
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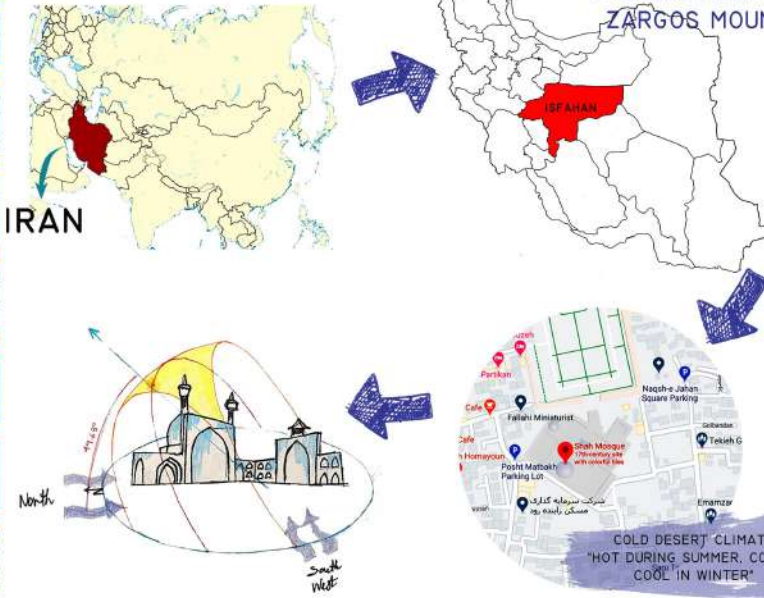
# ISFAHAN MOSQUE ANALYSIS

## "ENVIRONMENTAL SOLUTIONS"



### CLIMATE IN THE CITY:

ABOVE SEA LEVEL ON THE EASTERN SIDE OF ZARGOS MOUNTAINS



### MOSQUE ORIENTATION:



THE MOSQUE ORIENTATION GIVE THE MOSQUE VISITOR A GREAT SHADE AND SHADOW AROUND THE MOSQUE AND INTO THE INTERIOR COURT OF IT. THIS NATURAL SHADOWS DECREASE THE WEATHER HARDNESS.

### OPENING ANALYSIS:



OPENINGS ALL AROUND THE MOSQUE GOT THE SAME PROPERITES;  
1- SMALL SIZE  
2- THEIR HEIGHT  
3- COVERED BY ISLAMIC PATTERN

#### WHY?

BECAUSE OF THE WEATHER IN IRAN, HIGH TEMPRETURE AND STRONG SUNLIGHT MOST OF THE YEAR DAYS. THIS SOLUTION DECREASE THE HIGH TEMPRETURE INSIDE THE MOSQUE.

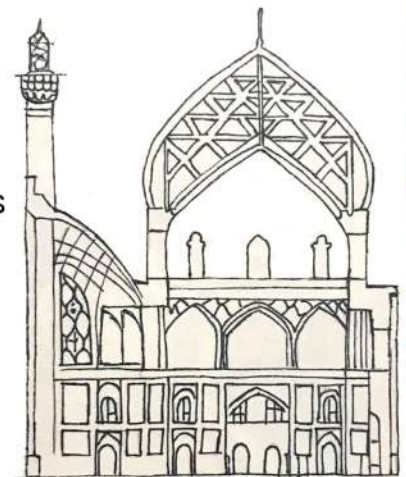


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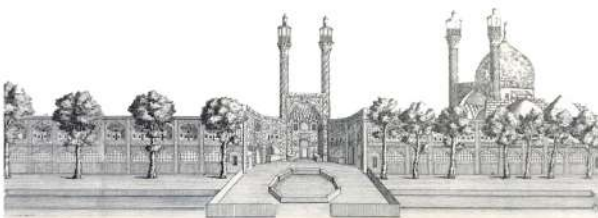
DOMES SECTION

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THESE TWO TYPES OF AREAS HELP THE WEATHER TO BE MUCH COOLER AND COLDER. ALSO, THE TREES WILL OFFER A SHADE FOR THE PRAYERS AND MOSQUE VISITORS. FURTHERMORE, THEY GIVE IT AN AESTHITIC VALUE AND A MORE BEAUTIFUL VIEW.







# ISFAHAN MOSQUE

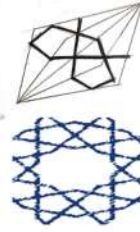
THE COLOURS THAT THE PERSIANS FAVOURED WERE GOLD, WHITE AND TURQUOISE PATTERNS ON A DARK-BLUE BACKGROUND. COLORS COVERS THE SPACE LIKE SKY AND YELLOW SHINE IN THE SPACE, THUS HUMANS COULD GO BEYOND THE WORLD AND IMAGINE PARADISE.



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( 754-775)

THE ORIGINAL BUILDING WAS BUILT IN ABBASID AS A CLASSIC MUD-BRICK MOSQUE.

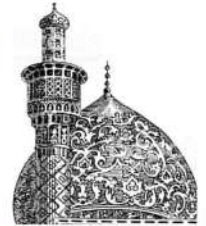


PATTERNS FROM GRIDS AND MOTIFS

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(1080)

THE DOME WAS BUILT ON EIGHT HEAVY PLASTER COVERED COLUMNS.



(1475- 1476)

THE INNER COURTYARD FACADES, IVANE AND MINARET ARE COVERED WITH GLAZED TILES

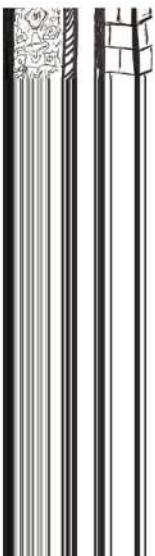
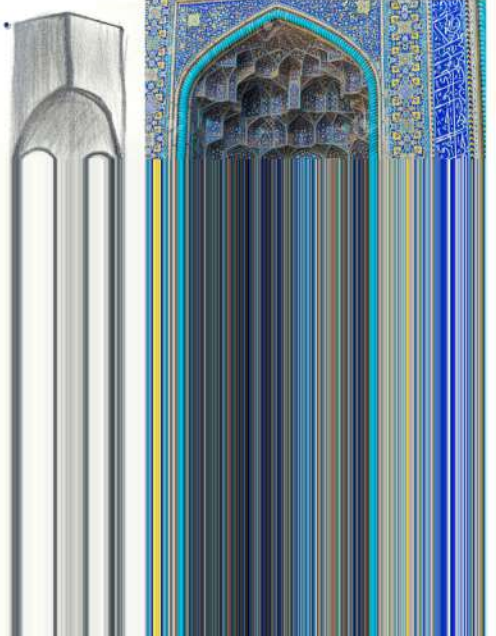
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(1689)

MUQARNAS WAS INTRODUCED INTO THE EASTERN IWAN WITH LIMESTONE, MARBLE AND STUCCO MATERIAL HORIZONTAL ROWS PLACED ON TOP OF EACH OTHER.



BRICKS COVERED WITH GLAZED



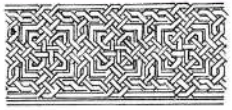
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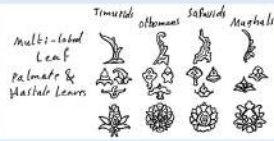


# THE ORNAMENTATION OF THE ISFAHAN MOSQUE

## GEOMETRIC PATTERNS



## VEGITAL ORNAMENT



## THULUTH CALLIGRAPHY

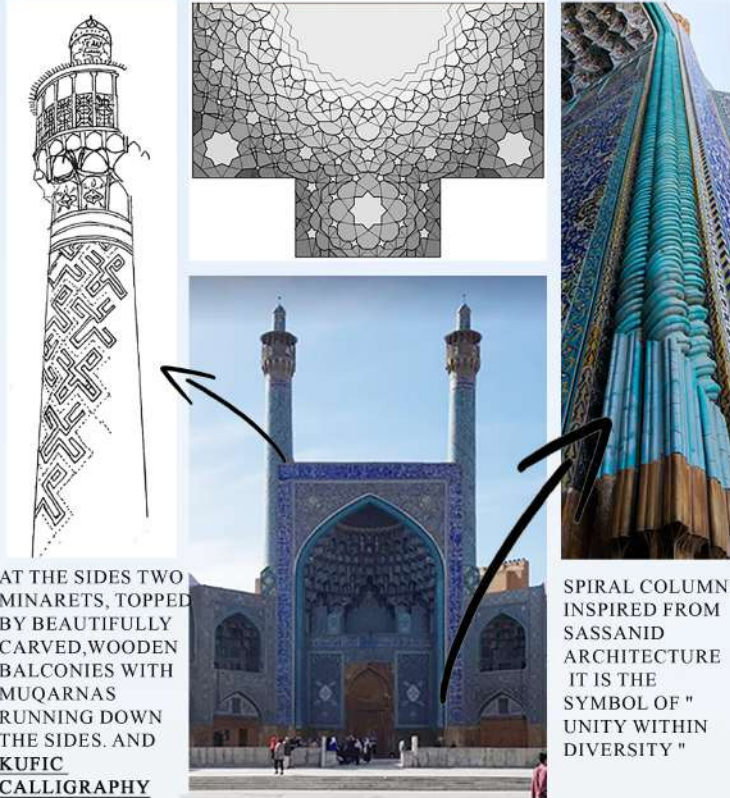


## KUFIC CALLIGRAPHY



**THE ENTRANCE (GATEWAY)** TO THE MOSQUE TAKES THE FORM OF A POINTED ARCH AND MEASURING 27 METERS IN HEIGHT, THE ARCH FRAMED BY TURQUOISE ORNAMENT AND DECORATED WITH MUQARNAS THULUTH CALLIGRAPHY

**THE DOME** THE DISTINCT FEATURE OF PERSIAN DOMES WAS THE VEGETAL ORNAMENT AND THE COLORFUL TILES WITH WHICH THEY COVERED THE EXTERIOR OF THEIR DOMES, AS THEY WOULD ON THE INTERIOR. THULUTH AND KUFIC CALLIGRAPHY ON THE EXTERIOR



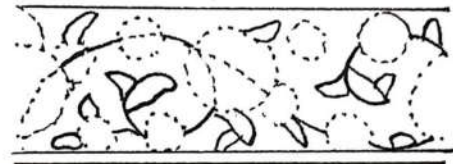
AT THE SIDES TWO MINARETS, TOPPED BY BEAUTIFULLY CARVED, WOODEN BALCONIES WITH MUQARNAS RUNNING DOWN THE SIDES. AND KUFIC CALLIGRAPHY

SPIRAL COLUMNS INSPIRED FROM SASSANID ARCHITECTURE IT IS THE SYMBOL OF "UNITY WITHIN DIVERSITY"

## THE EXTERIOR



## THE INTERIOR



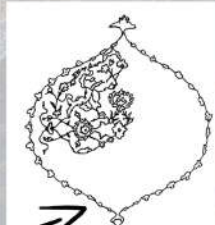
**THE ENTRANCE (NORTH) IWAN** IS ENTIRELY EXECUTED IN TILE MOSAIC IN A FULL PALETTE OF SEVEN COLORS DARK PERSIAN BLUE, LIGHT TURKISH BLUE, WHITE BLACK YELLOW AND GREEN A WIDE INSCRIPTION BAND WITH RELIGIOUS TEXTS WRITTEN IN WHITE THULUTH SCRIPT ON A DARK BLUE GROUND FRAMES THE IWAN.

## THE SOUTH (QIBLA) IWAN

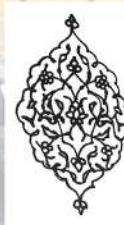
IT DECORATED WITH THULUTH CALLIGRAPHY AND VEGETAL ORNAMENT AND IT IS THE ONLY ONE WITH MINARETS



## THE EAST IWAN



## THE WEST IWAN



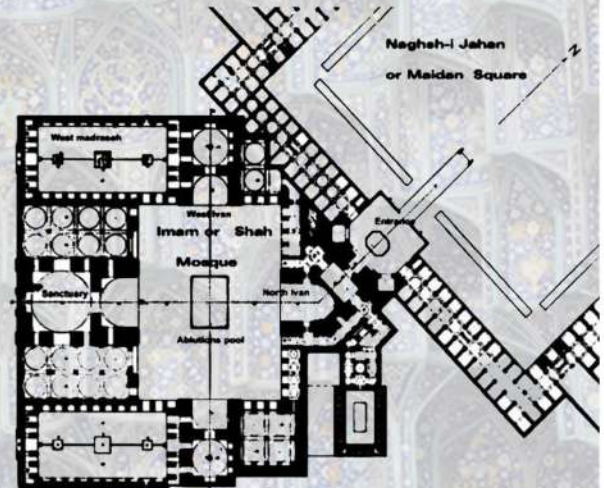
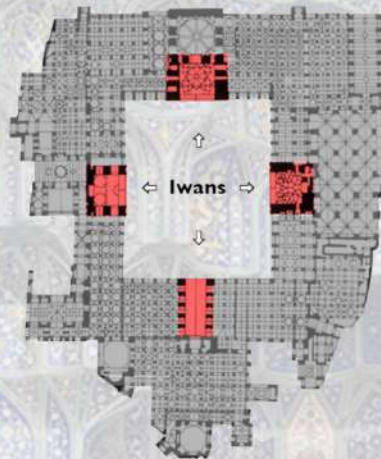
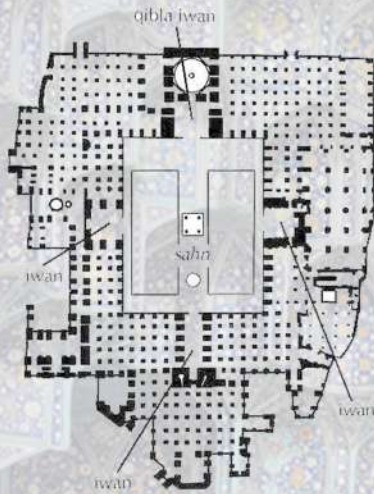
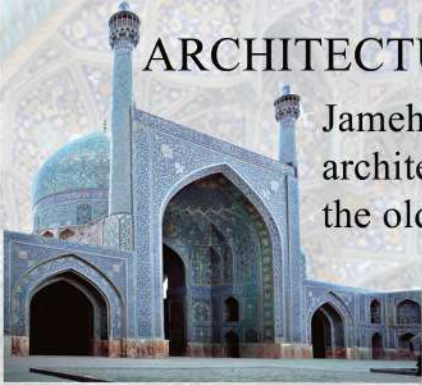




## ARCHITECTURAL / SPATIAL SOLUTIONS

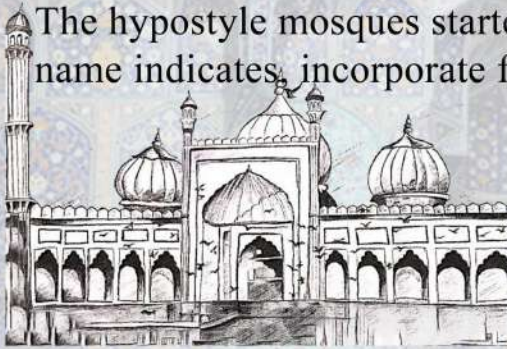
Jameh Mosque of Isfahan is the most significant and oldest architectural and religious complex in Iran and is considered the oldest historical building in Isfahan.

Isfahan Mosque includes different entrances, each connecting the mosque's space to different parts of the surrounding areas.



The Great mosque of Isfahan is considered the prototype for future four Iwan mosques.

The hypostyle mosques started to be converted into four-iwan mosques, which, as the name indicates, incorporate four iwans in their architectural plan.

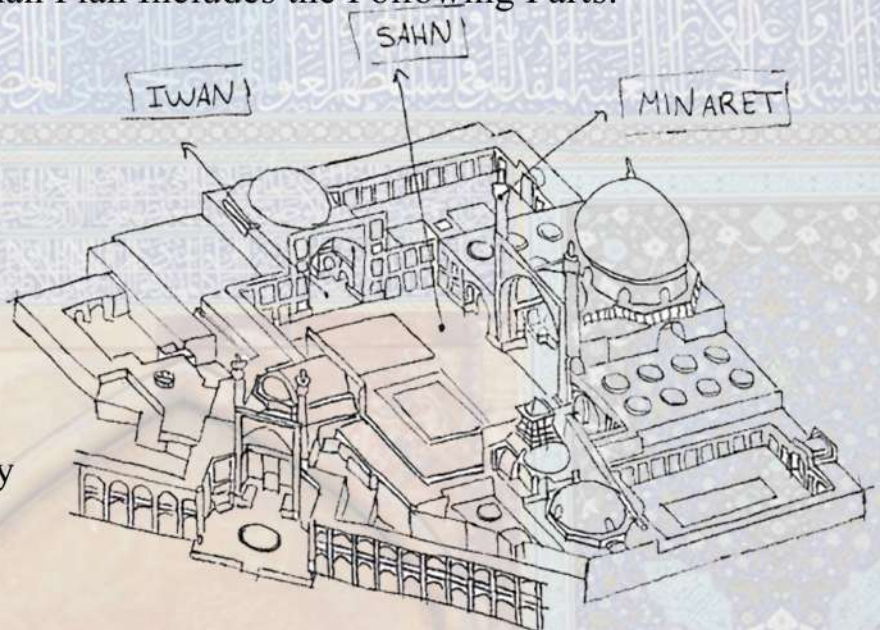


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The Current Great Mosque of Isfahan Plan Includes the Following Parts:

- The mosque's prayer gallery
- Southern dome
- northern dome
- Darvish Iwan
- Saheb Iwan
- Ostad Iwan
- Shagerd Iwan
- Omar Iwan
- Oljayto Iwan
- Beit-al-shata winter prayer gallery
- Khajeh Nezam-al-molk library
- stoup of Darvish Iwan
- stoup of Saheb Iwan







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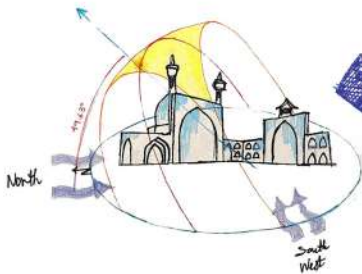
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COLD DESERT CLIMATE "HOT DURING SUMMER, COLD & COOL IN WINTER"

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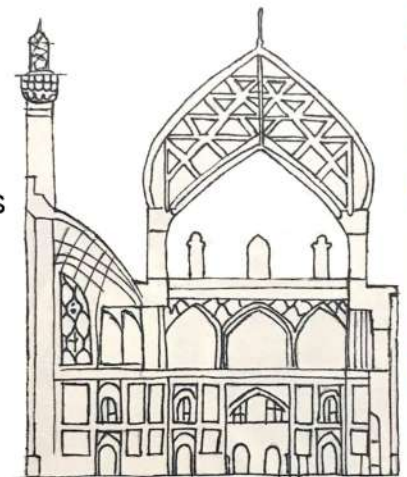
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