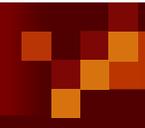


Hasan Abad Square in Tehran

What is an urban space



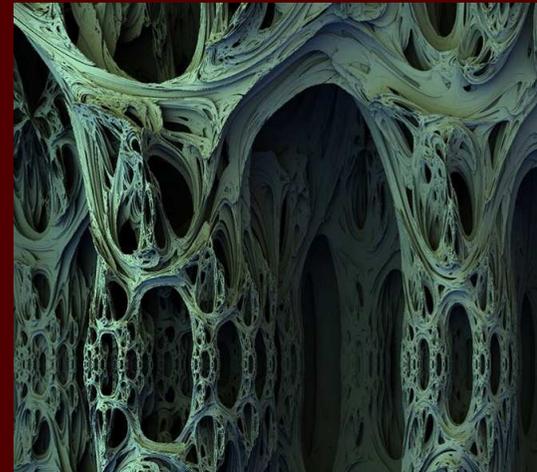
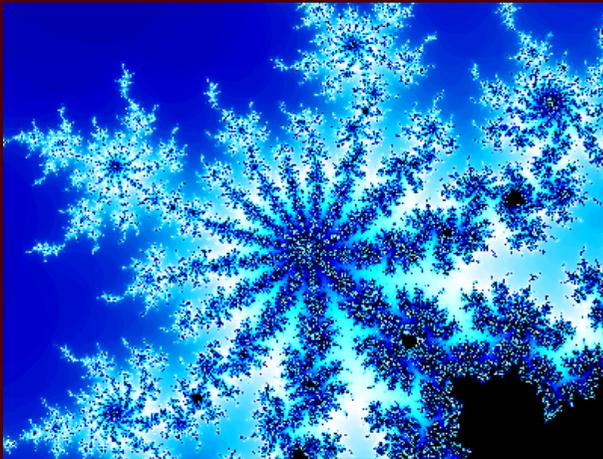


Evaluation of beauty in the urban space

- Ordering
- unity & composition
- scale and correct proportion
- harmony

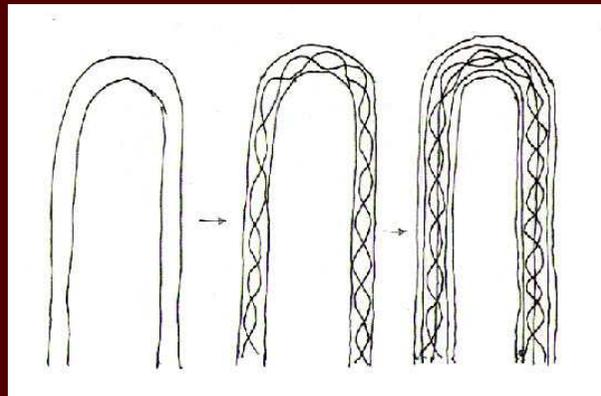
WHAT IS FRACTAL

- Fractal is a structure that each element of it is similar with its whole.

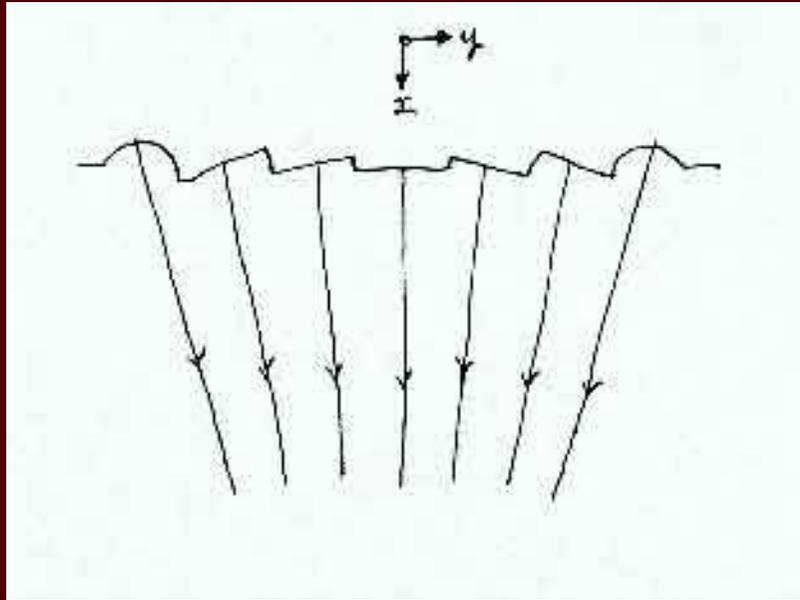


How Survey the ways of increasing the content of urban space by fractal information

- in historical cities such as London , Venezia , Yazd , Kashan , Isfahan (historical cities of Iran) colonnades , surfaces and lanes all have permeable surfaces that because of that exchanging could be possible.



Increasing information in an urban space By plan (x-y axis):



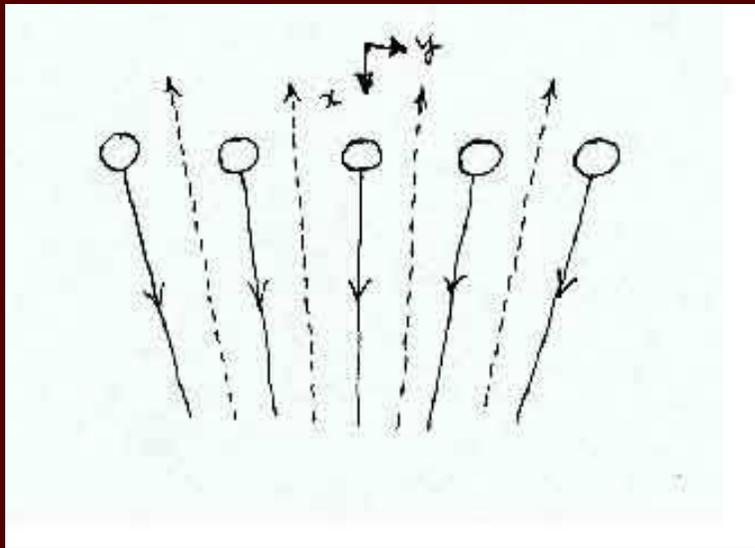
Vertical facets and flutes close to the ground

Increasing information in an urban space By plan (x-y axis):



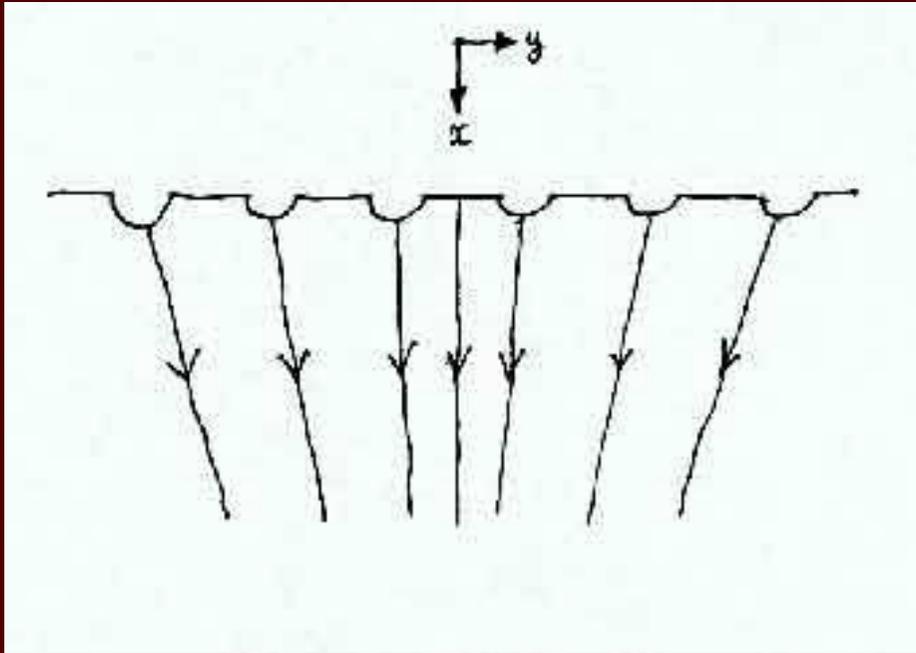
courtyards :Its boundaries carefully direct information inwards.

Increasing information in an urban space By plan (x-y axis):



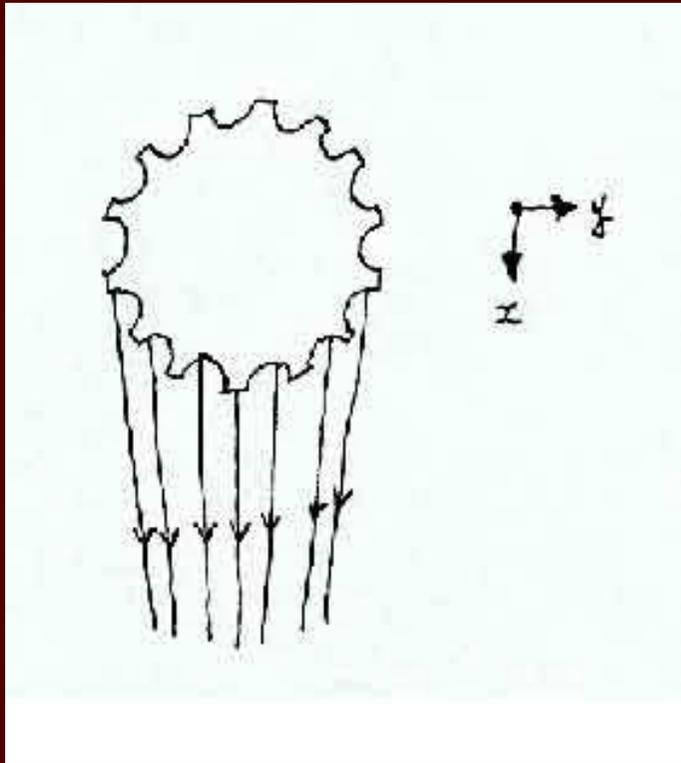
colonnades

Increasing information in an urban space By plan (x-y axis):



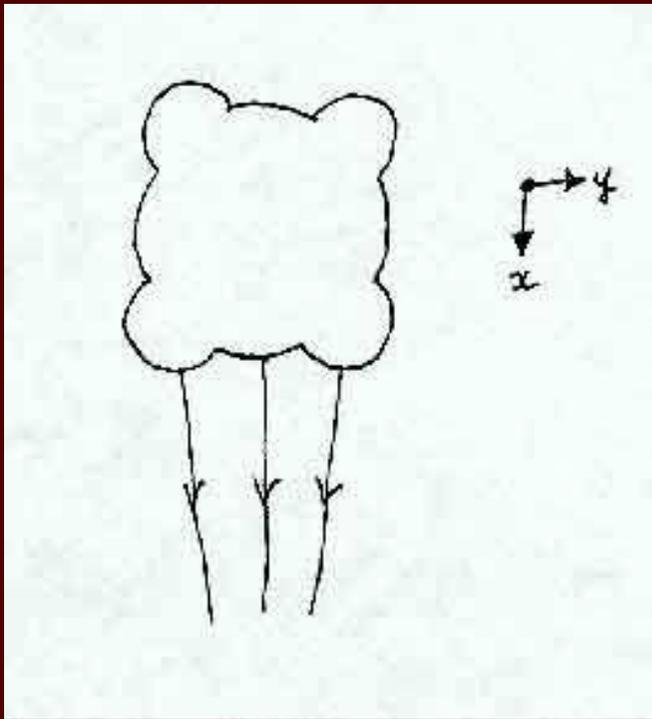
Columns and pilasters

Increasing information in an urban space By plan (x-y axis):



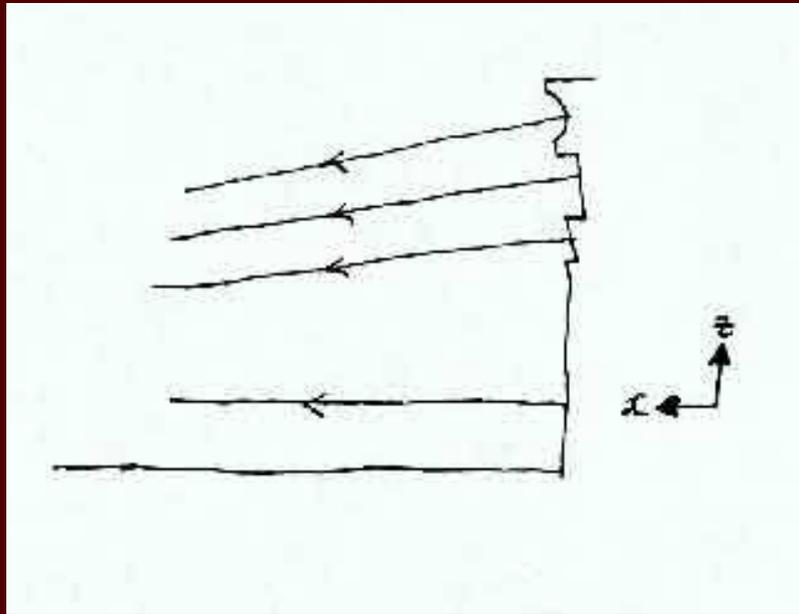
Fluting on columns

Increasing information in an urban space By plan (x-y axis):



culomn cluster

Increasing information in an urban space By looking up from the horizontal (x-z axis)



horizontal facets and flutes above eye level

Increasing information in an urban space By looking up from the horizontal (x-z axis)



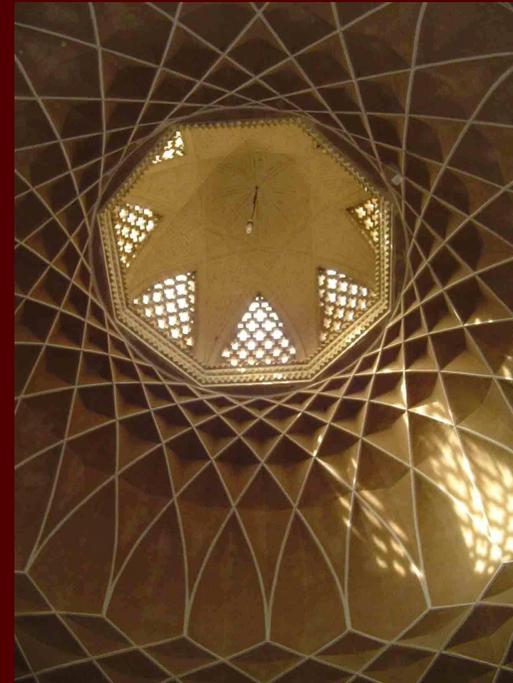
corners

Increasing information in an urban space By looking up from the horizontal (x-z axis)



roof corners

Increasing information in an urban space By looking up from the horizontal (x-z axis)



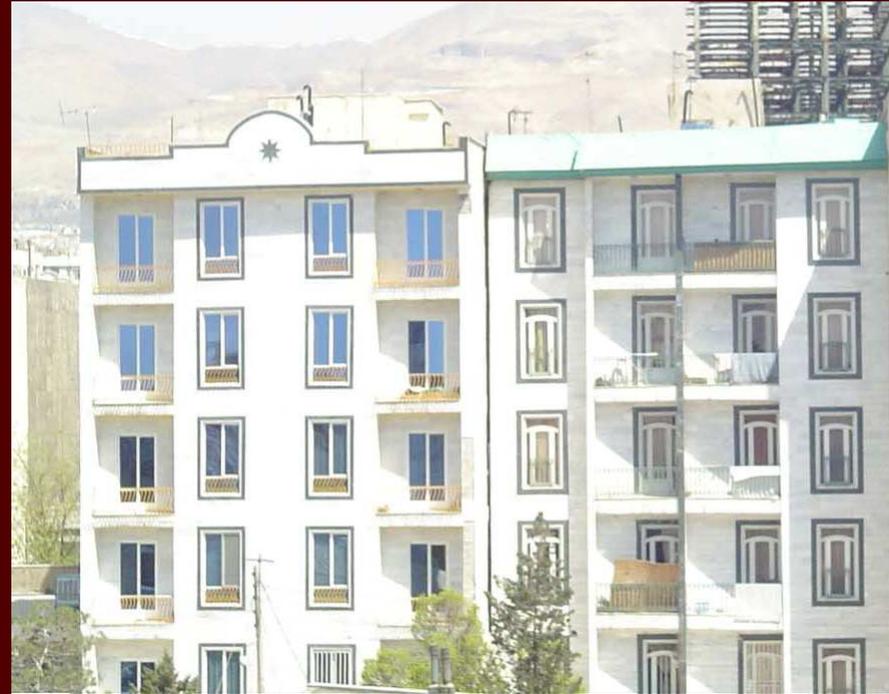
domes

Increasing information in an urban space By looking up from the horizontal (x-z axis)



arches

Increasing information in an urban space By looking up from the horizontal (x-z axis)



window intels

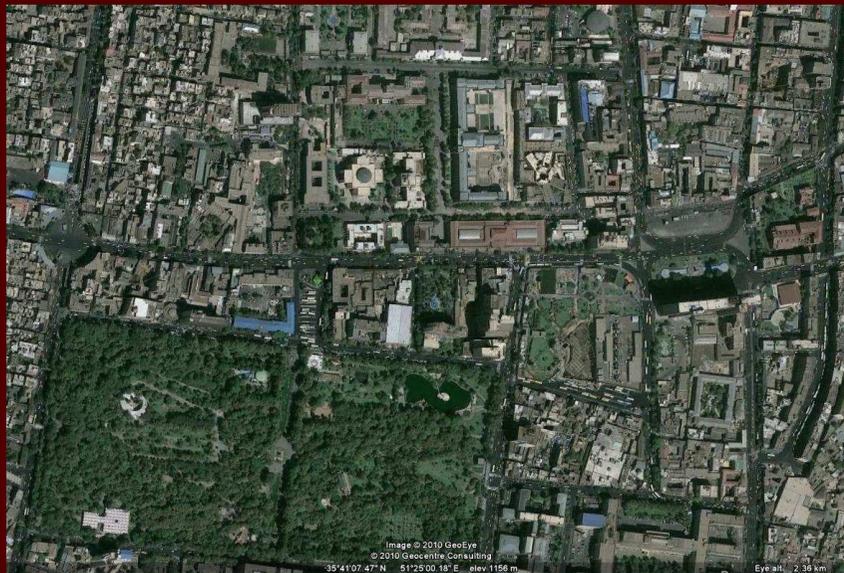
Increasing information in an urban space By looking up from the horizontal (x-z axis)



pediments and friezes

HASAN ABAD SQUARE IN TEHRAN

location plan



Hasan abad sq. & Toopkhaneh sq.



Hasan aban sq. with its surrounding buildings

HASAN ABAD SQUARE IN TEHRAN

The history of square



1- Hasan abad square in Pahlavi I (100 years ago)



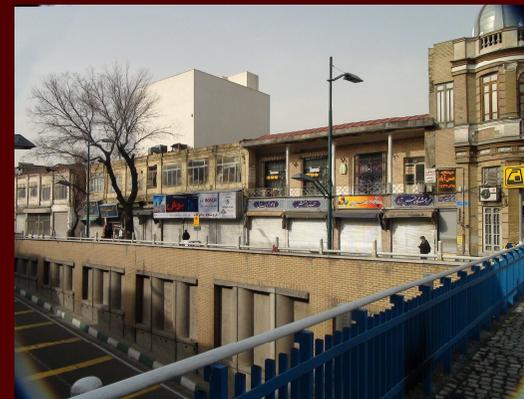
2- Hasan abad square in Palavi II (50 years ago)



3- Hasan abad square today

Restoration activities

- The program for restoration includes:
 - making suitable place for the station of underground train
 - underground way for vehicles



Restoration activities

- enhancing lighting
- rehabilitation of ornaments and different parts of square



Restoration activities

- improving the façade of “Melli Bank”



Before



After

- improving the pavement of square



EVALUATING OF RECENT SITUATION OF SQUARE AS AN URBAN SPACE

- This square has a rich information field and its content isn't empty because of the domes , column capitals , brick ornaments and so on.



EVALUATING OF RECENT SITUATION OF SQUARE AS AN URBAN SPACE

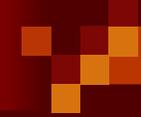
- We can see four criteria of beauty in this square too:
 - Ordering
 - unity & composition
 - scale and correct proportion
 - harmony



CONCLUSION

- As a citizen of Tehran, I hope that someday we can notice the changing of the worn-out historical district of city to a valuable area which is visitable for all over the world.





Thank you for your attendance