

## **Bio geometrical engineering and its effects on plants (the effects of bio geometrical shapes on plants and it's architectural projection)\***

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### **Abstract**

The built environment has an internal and surrounding effect to the health and life of organisms where it spends most of its time in that environment. With the growing role of the built environment in everyday's life, several negative aspects have appeared and & have affected those organisms, these aspects have represented main factors: From one hand is what affects those objects from diseases linked to buildings while from the other hand is the close association with the growth and production rates.

From this point many ideas and architectural theories have appeared while it derived roots of ancient civilizations and previous experience has been supported by modern thought, but these ideas and theories failed to solve some problems of modern technology, such as the negative effects of electromagnetic fields and radiative forcing on living organisms; all of what has been stated has forced the architects to have a second thought concerning these theories by trying to find out several other solutions and concepts to the design system' and find simple ways to help in the design and evaluation process while improving its performance.

From this point the Biogeometry science "Vital Shapes Engineering Science" which describes the geometric shapes that organizes the place's energy (Electromagnetic fields in the space) and re-enforce the energy balance of the organisms contained in it or around it, this leads to raise the efficiency of the objects on one hand and increases the growth rates and production at those objects on the other hand.

The search could define the concept of an energy surrounding with the concept of the Biogeometry engineering from one hand, while the impact of these energy & the Biogeometry forms the plants from another. hence we have to clarify the direct influence of the Biogeometry forms on the plants life, eventually and after proving that effect, it is proved that different Beogaomitri forms leads to different effects caused by those plants.

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**key words: bio geometrical science-space energy .**

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\* For The paper in Arabic see pages(601-619)

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