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nouby @yahoo.com

Intelligent Buildings

(Caffrey, )  
(Atkin, )

(Atkin, )

Automation [ ]

Intelligent House

Intelligent School

Intelligent City

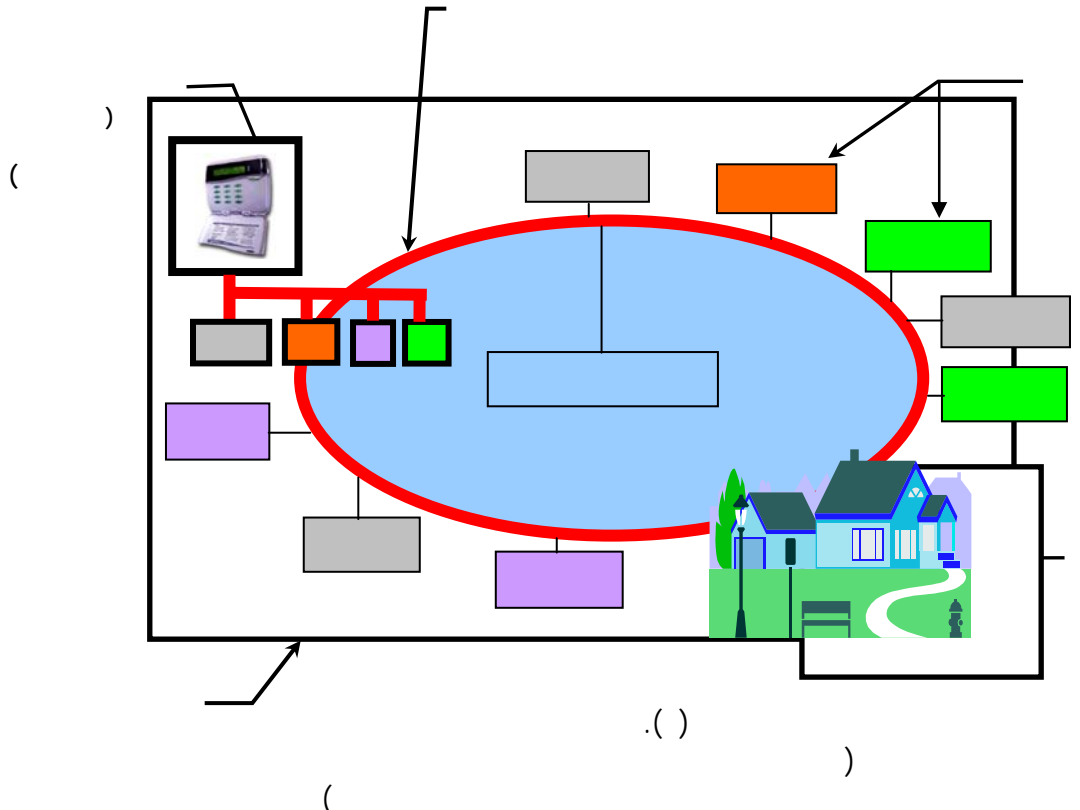
Intelligent Skyscraper

Intelligent Office

( ) Purposive Systems  
High-Tech

( ) Structure System -

( ) Intelligent System -



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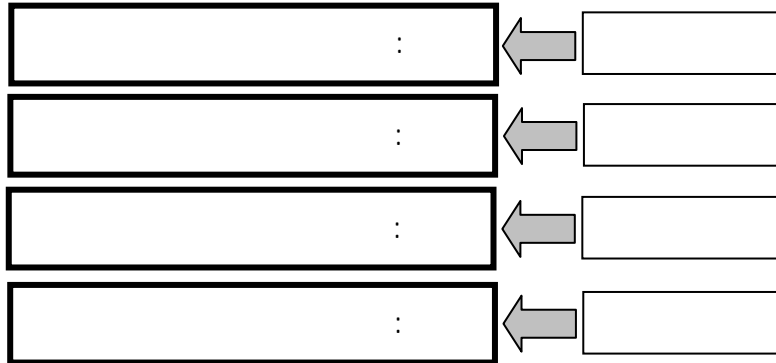
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Information Society

.(Christiansson, ) Masuda, Y.

AT&T

( Philip Johnson )  
Information Technology (IT)

.(Christiansson, ) Systems on Display

High-Tech Buildings

Automated Buildings

.Smart Houses

.(Christiansson, ) Lund University

(Eley, )

Intelligent Buildings; Applications of IT and Building Automation to High )  
(Brian, ) (Technology Construction Projects)

Web Sites

The Road )

(Gates, ) (Ahead, With Nathan Myhrvold and Peter Rinearson

(The Infomedia Revolution, How IT Is Changing Our World And Your Life)

(Mitchell, ) (City of Bits) .(Koelsch, )

(Intelligent Spaces, Architecture for the Information Age)

(Riewoldt, )

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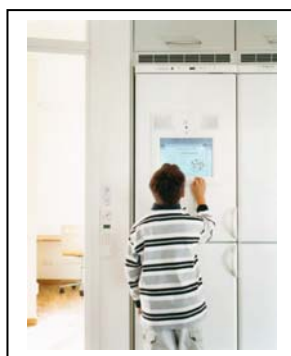
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Stockholm

Screenfridge

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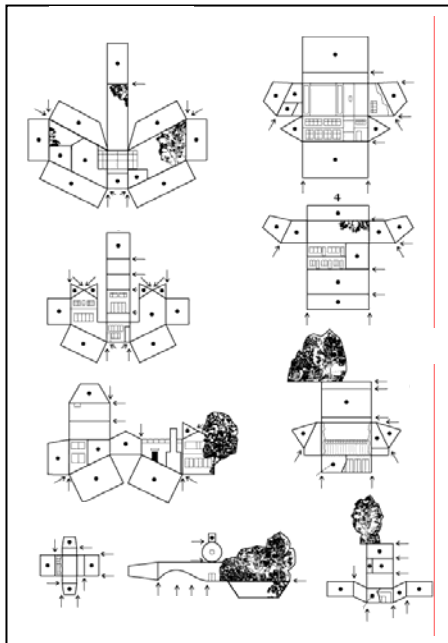
.(Sakamura,-----)

Bill Gates

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(<http://www.goehner.com/gates.htm><http://www.bcj.com/projects/index.html>, )

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# **Intelligent Houses**

## **(A Model for Affordable Dwelling in 21<sup>st</sup> Century)**

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College of Architecture and Planning, KSU, P.O. Box 4471, Riyadh  
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### **Abstract:**

During the end of 21<sup>st</sup> century there has been a tremendous development in the information systems, the activities of which depend on the electronic systems.

This made a high development on the life activities at house and on the method of house construction, which lead to intelligent house as a feature of intelligent architecture.

We must not look to the Affordability on dwelling from only economical view, but must take on consideration; life activities at house, co-ordination with environment, and economic on usage and maintenance costs.

The problem of this research is that: ( ) We don't take the influence of this evolution when we thinking in affordability on dwelling; ( ) We think that the Intelligent houses not suitable for Affordability on dwelling, because it is expensive or out of reality. Also this houses are affordable on life activities and very economic on usage and maintenance costs.

The paper hypothesizes that the intelligent house can be an affordable dwelling. In this respect the paper is comprised from four parts. First, A theoretical approach about Intelligent Houses and the problem of Affordability. Second the Problem of the research and review. Third, research hypothesis, can the Intelligent House be an Affordable Dwelling? Finally, the conclusion and recommendations.