



إستراتيجية بحث وتطوير التكنولوجيا المتقدمة في التنمية الاقتصادية
والتقدم التكنولوجي

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مستخلص البحث

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Know-Why

Know-How

(7) (6) (5)

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Appropriate Technology

⁽⁹⁾Show

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boards

Electronic Cards

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Necessity

Conditions

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2006
2007

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16

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⁽¹²⁾2007

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(Scientific

Mechanism

(Know-Why)

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Know-how)

Maturity Periods

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Sufficient Conditions

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Jacob Schmookler

Nathan Rosenberg

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matimop



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Geo Conditions

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Product Life Cycle

Advanced)

(Softwares

(Dominant Components)

Fiber Optics

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V1 V2 (-)

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X4 (-)

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.X2

(Sidewinder)

(Hot)

(Rolland AS30-L)

M2

(Hot)

X-29

Federal State Unitary

Agate ()

(Air-to-Air) -

(Surface-to-Air) -

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1986

2006

1958

(CUBE)

(BUK)

MIG/23

SU/27 MIG/31 MIG/29 MIG/25

(on board) () -

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1990 1980

(RGC-9B-1103M)

400-200

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ABCHK-02

EKG-AGAT

1999-1995

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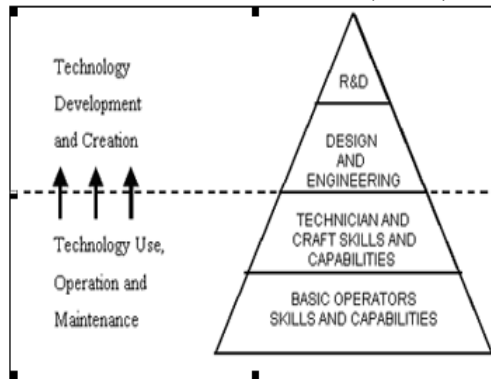
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(مخطط-1): مخطط تدرج هيكلية التكنولوجيا المتقدمة



المصدر:

Mario Cimoli, *Strengthening innovation systems and technological development*,
ECLAC-United Nations, Division of production, productivity and management:
<http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/EXTEDUCATION/0,contentMDK:20457091~menuPK:1011218~pagePK:148956~piPK:216618~theSitePK:282386,00.html>



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بحث وتطوير التكنولوجيا الموجهة: منظومات السيطرة المتقدمة مثلاً

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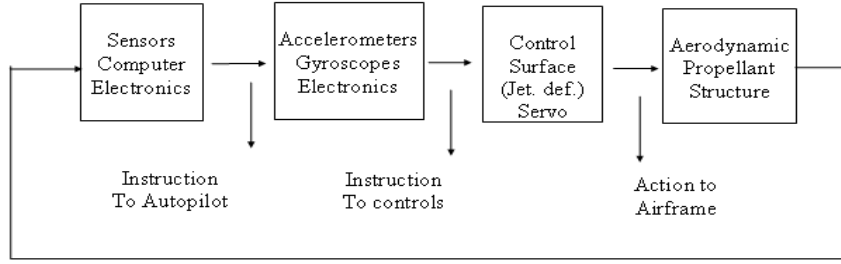
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(مخطط-2): الأسس العلمية المقترحة لمخطط المراحل التصميمية لبحث وتطوير منظومة موجهة



Airframe Response
To control Action

المصدر: تصميم مقترح للباحث لمراحل البحث والتطوير في فاليبحث الخامس من الدراسة

(Accelerometer)

(Rate Gyro)

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(Fundamental	
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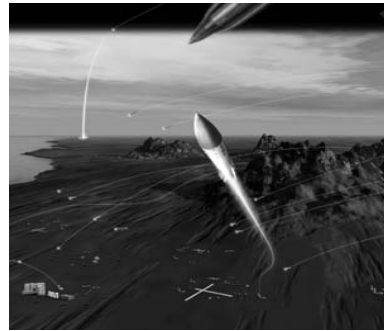
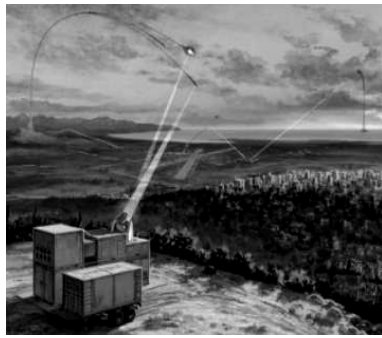
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Strategy For Advanced Technology R&D In Economic Development And Technological Progress

Dr. Nawfal Kasim Ali Al-Shahwan

*Lecturer and Head of the Economic & Social Studies Department At
the Regional Studies Center (RSC), Mosul University, Iraq*

Abstract

Possession the advanced technological systems with the related abilities consider important matter for constructive building and developing other manners of technologies which distinguishes the pattern and direction of economy strength as well as his society. Its growth constrained with the range of relative scientific and knowledge bases. The study aims to “analysis of the economic and scientific possibilities for design and build advanced technological systems in Iraq as an example pointing scientific and technological strategy established on research and development (R&D) in the economic development and in technological progress. It is assumed that the appropriate technology for economic development in which the dynamic technology depends technological bases in developing countries nowadays is the advanced dynamic type beside its requirements like producing productive machines.

It is answered by analysis of possibilities of developing advanced technology, and the actual possibilities for it, and researching and developing the guided technology like the advanced systems of control in the recent strategy of development. It is founded that studios that the appropriate technology for the recent economic development in developing countries today is the type established on the dynamic technology R&D more than the static technology with which all its requirements of production for some kinds of developed productive machines.



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