

مشروع الطرق المؤدية إلى التعليم العالى

الشركاء

- كلية الهندسة، جامعة القاهرة. - مؤسسة فورد.
- جامعات: القاهرة، وعين شمس، وأسيوط، وحلوان، والمنيا، وجنوب الوادى، والفيوم، وبنى سويف، وسوهاج.
- جمعية جيل المستقبل. - المجلس القومى للمرأة.

الكتب الانجليزية

- 1- Planning and Controlling.
- 2- Systems and Creative Thinking.
- 3- Research Methods and Writing Research Proposals.
- 4- Statistical Data Analysis.
- 5- Teams and Work Groups.
- 6- Risk Assessment and Risk Management.
- 7- Communication Skills.
- 8- Negotiation Skills.
- 9- Analytical Thinking.
- 10- Problem Solving and Decision Making.
- 11- Stress Management.
- 12- Accounting for Management and Decision Making.
- 13- Basics of Managerial Economics.
- 14- Economic Feasibility Studies.
- 15- Health, Safety and Environment.
- 16- Wellness Guidelines: Healthful Life.
- 17- General Lectures Directory.

موقع المشروع على شبكة الإنترنت

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رسالة المشروع

رفع مهارات الطلاب والخريجين من الجامعات المختلفة لمساعدتهم على الاندماج السريع فى المجتمع وصقل مهاراتهم بما يتناسب مع حاجة البحث العلمى وسوق العمل.

مطبوعات البرامج التدريبية

الكتب العربية

- ١- المحاجة: طرق قياسها وأساليب تنميتها.
- ٢- القواعد اللغوية الأساسية للكتابة العلمية.
- ٣- دليل مشروعات التخرج من برنامج "تنمية مهارات البحث العلمى".
- ٤- التخطيط والرقابة.
- ٥- التفكير النمطى والإبداعى.
- ٦- مناهج البحث وكتابة المشروع المقترح للبحث.
- ٧- التحليل الإحصائى للبيانات.
- ٨- تكوين الفرق والعمل الجماعى.
- ٩- تقييم وإدارة المخاطر.
- ١٠- مهارات الاتصال.
- ١١- مهارات التفاوض.
- ١٢- التفكير التحليلى: القدرة والمهارة والاسلوب.
- ١٣- حل المشاكل وصنع القرار.
- ١٤- إدارة الضغوط.
- ١٥- المحاسبة للإدارة وصنع القرار.
- ١٦- أساسيات الاقتصاد الإدارى.
- ١٧- دراسات الجدوى الاقتصادية.
- ١٨- البيئة والتنمية المستدامة: الإطار المعرفى والتقييم المحاسبى.
- ١٩- إرشادات الصحة العامة: من أجل حياة صحية.
- ٢٠- إنشاء المشروعات الصغيرة وتنميتها.
- ٢١- أضواء حول الموضوعات المعاصرة.

الناشر: مركز تطوير الدراسات العليا والبحوث - كلية الهندسة - جامعة القاهرة.

فاكس: ٥٧٠٣٦٢٠ (+٢٠٢)

ت: ٥٧١٦٦٢٠ (+٢٠٢)، ٥٦٧٨٢١٦ (+٢٠٢)

بريد إلكترونى: capscu@capscu.com

الموقع على شبكة الإنترنت: www.capscu.com

إعداد
د. أيمن عامر

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القاهرة
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رقم الإيداع بدار الكتب المصرية: /

الترقيم الدولي: ISBN 977-403-133-4

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Guilford

(¹) Analytical thinking.

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.(Hayduck, 1990)⁽¹⁾(

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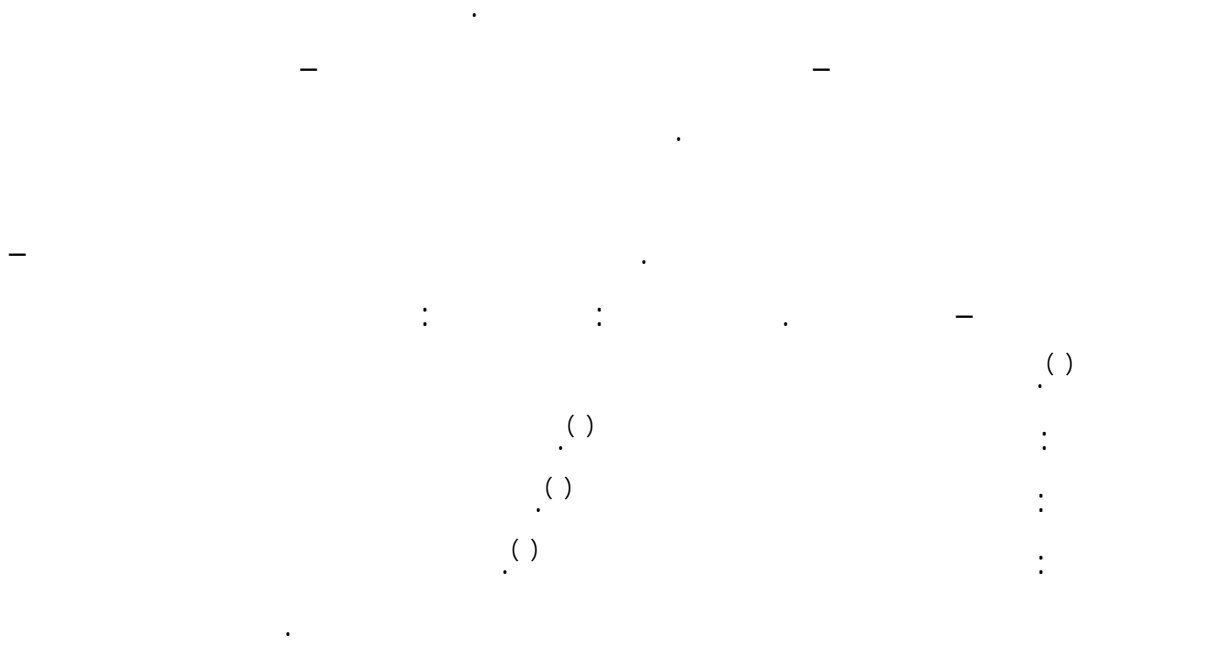
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- (1) Convergent thinking.
 - (2) Analytical problem solving
 - (3) Creative problem solving
 - (4) Divergent thinking
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- (1)Cognitive ability
 - (2)Cognitive process
 - (3)Cognitive skill
 - (4)Cognitive style
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(Desimone, 2002)

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(Stand fast logic Ltd, 2001)

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- (1) Hypothesis Contracture
 - (2) Restructure
 - (3) Synthetical Thinking
 - (4) System thinking
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(OHara & Sternberg, 199)

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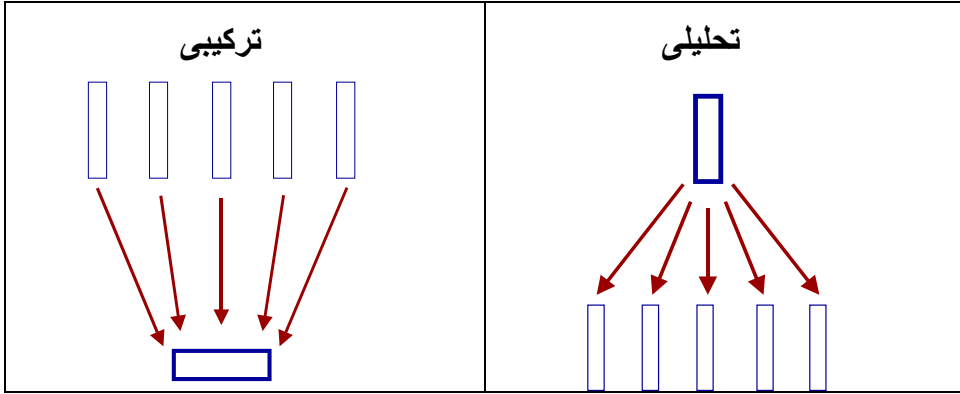
(Bartellet, 2002)

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- (1) Systemic thinking
 - (2) Critical thinking
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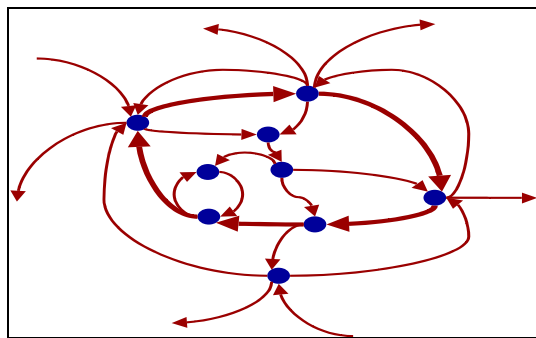
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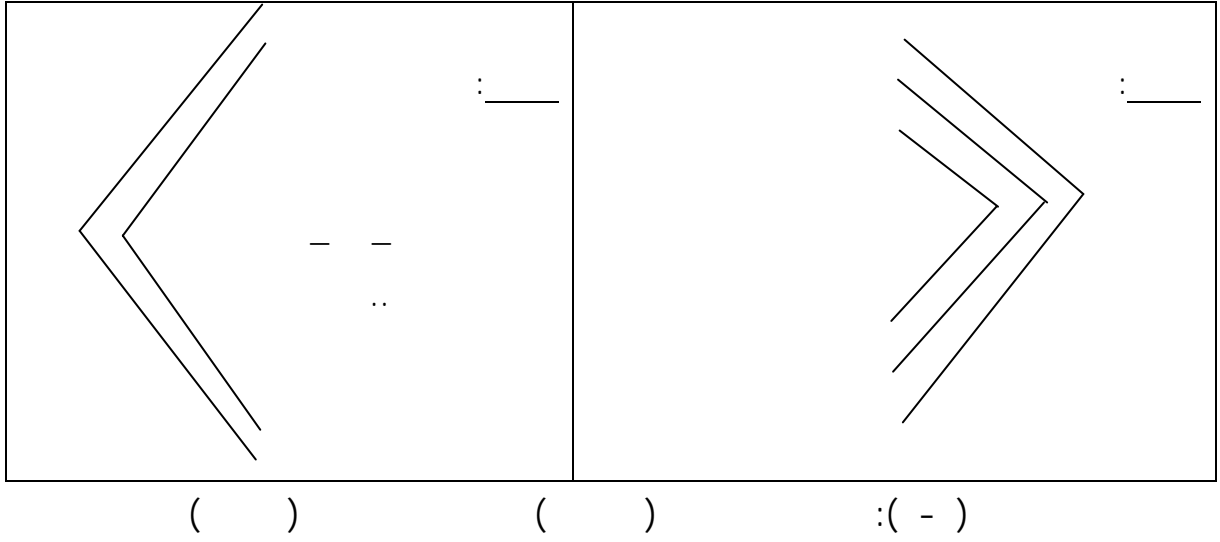
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Parnes

(Isaksen, Dorval, Trefernger., 1994)

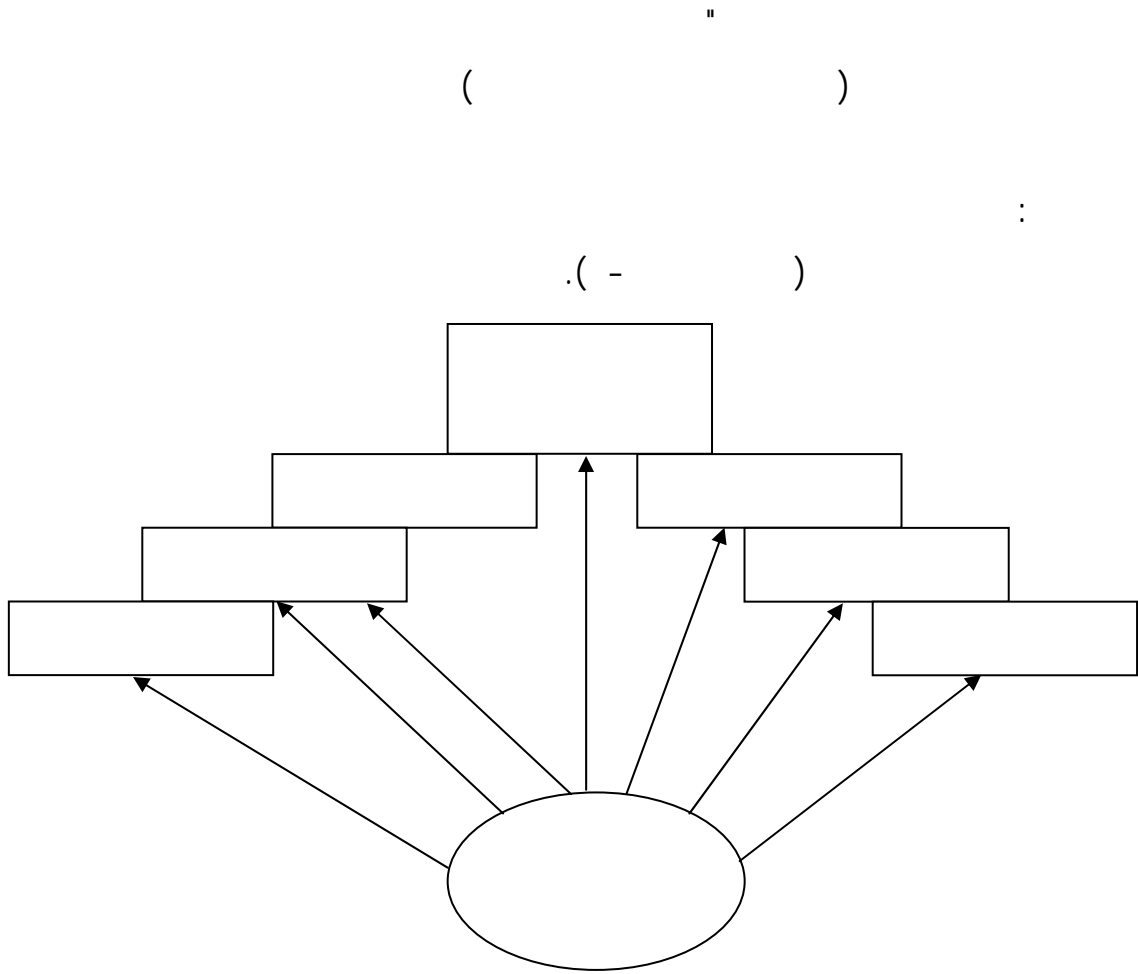
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Jenkins
(Abdel Hamid , 2005)

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" (VanGundy,1987)

Isakssen

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(Isakssen,et al.1994)

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- (1) Well structure
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 - (3) Critical Problem Solving
 - (4) Creative Problem Solving
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(Hayduk,1990)

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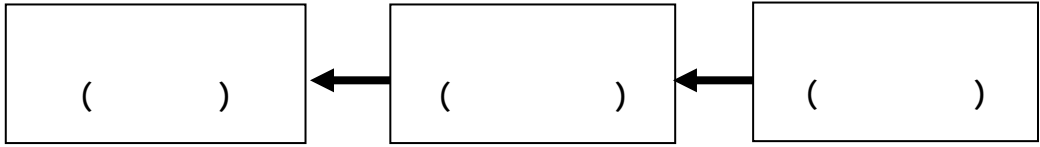
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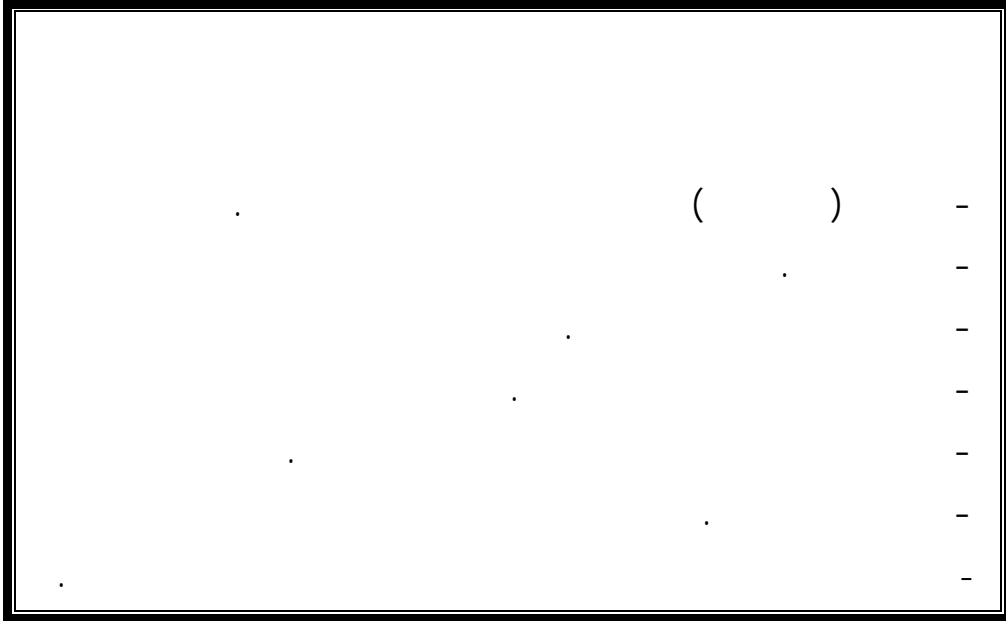
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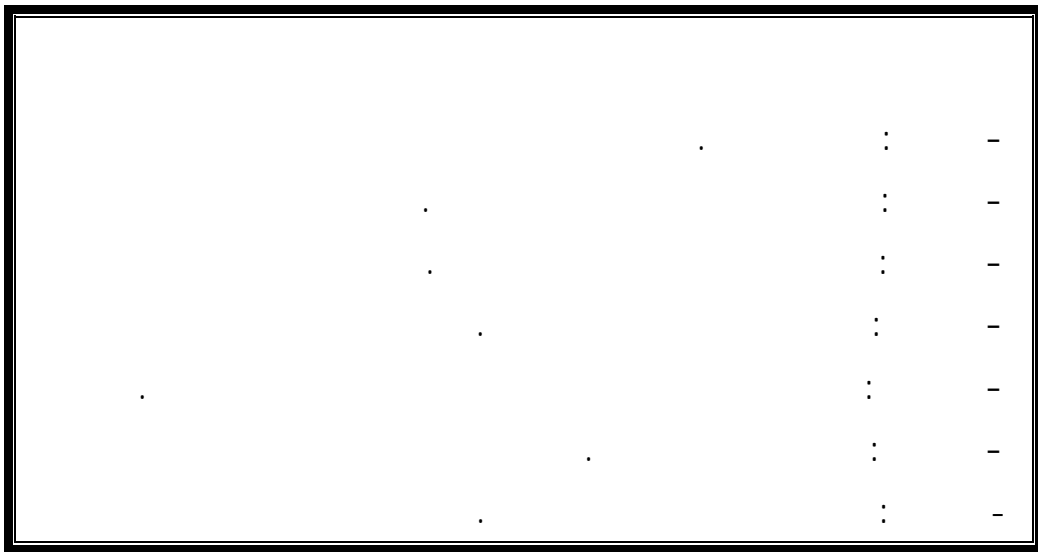
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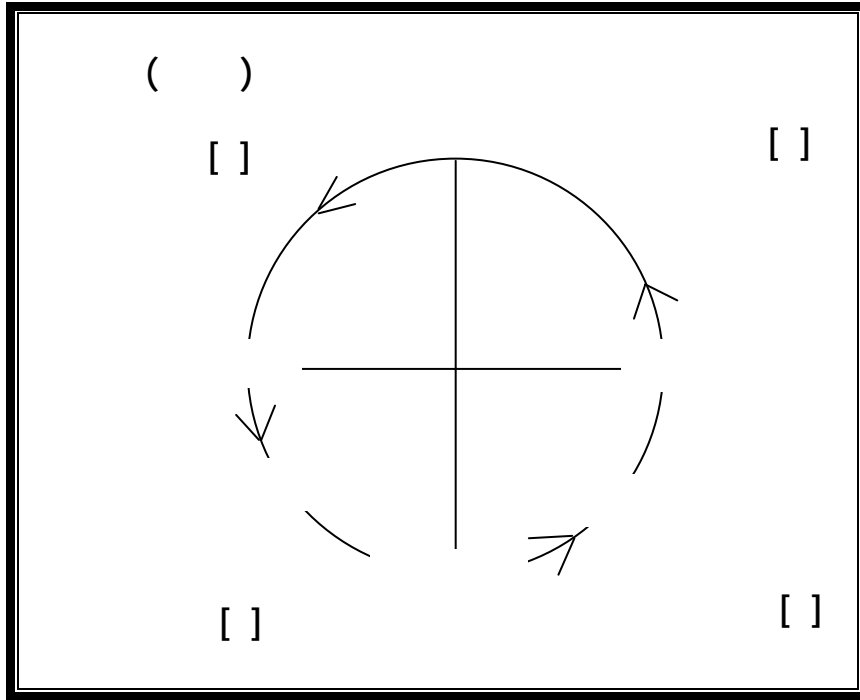
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(Osborn, 1953)



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see: Isaksen, Dorval, Trefernger, 1994))

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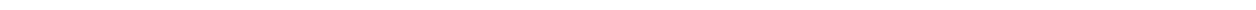
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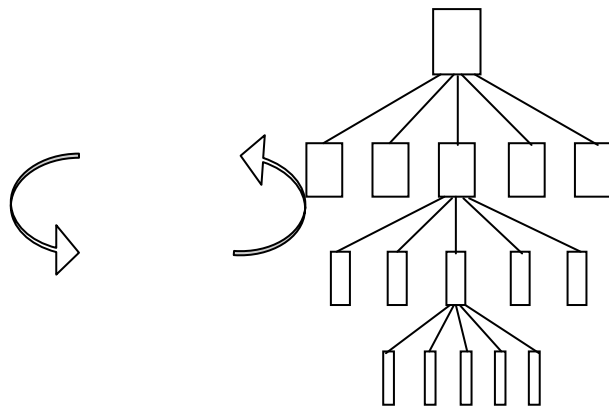
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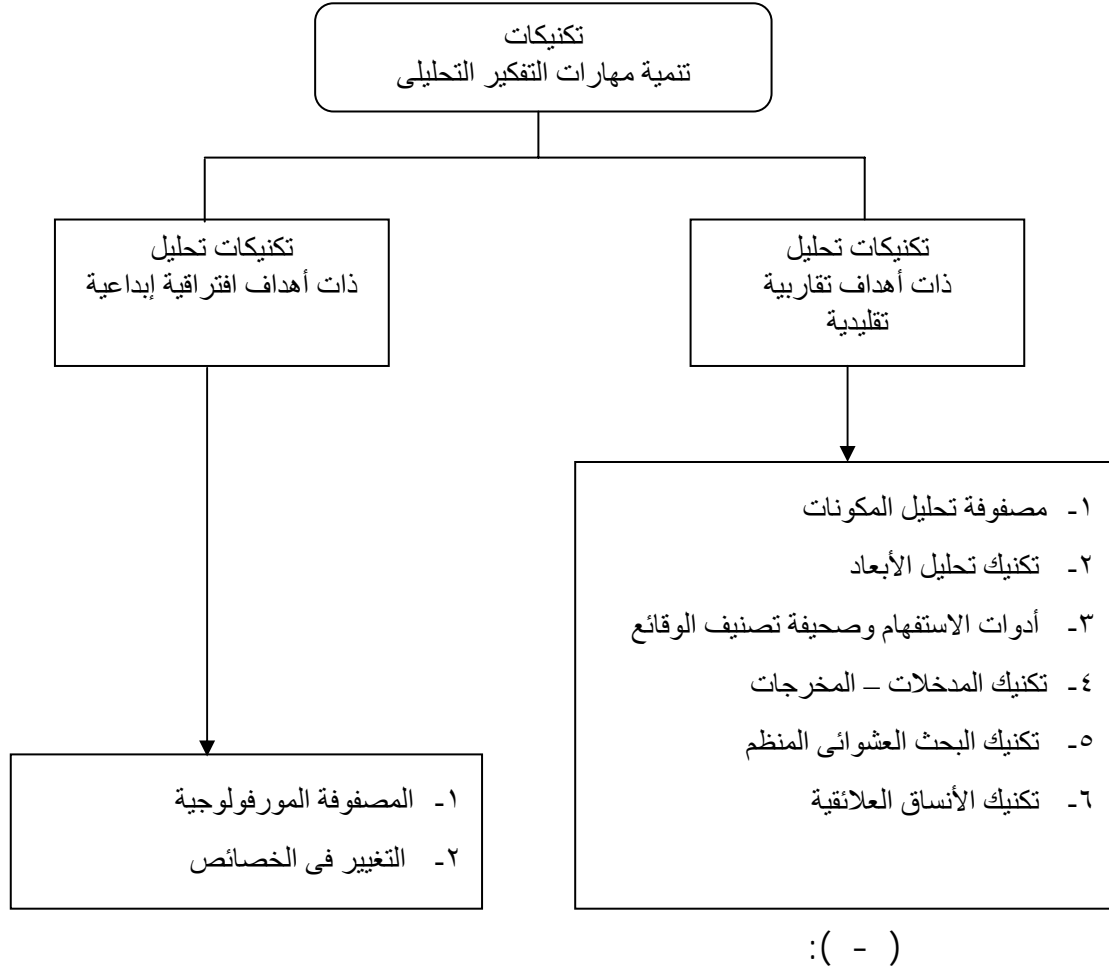
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(1) Decomposable matrices technique
 (2) Dimensional analysis technique

.(Van Gundy, 1988) :

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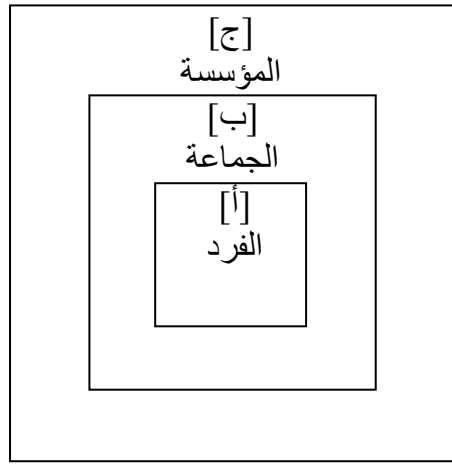
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- Herbert Simon

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- (1) Input-Output technique
- (2) Organized random search technique
- (3) Relevance systems

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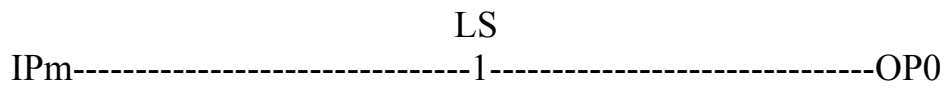
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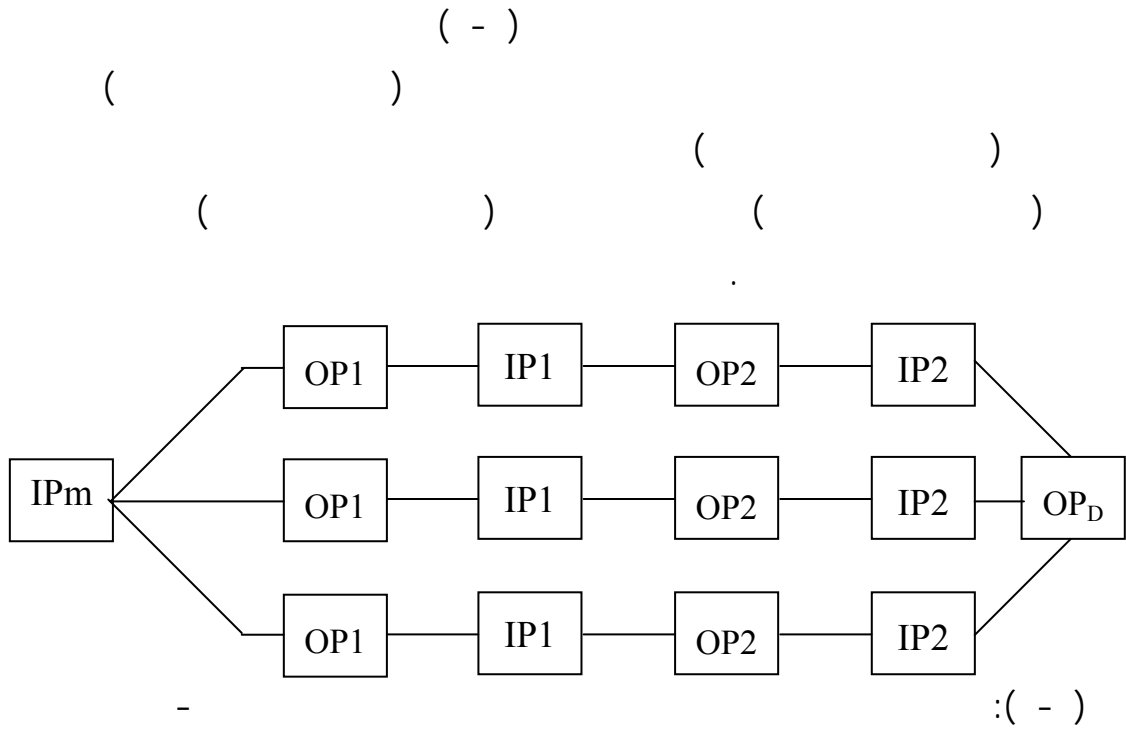
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(Van Gundy, 1988,)

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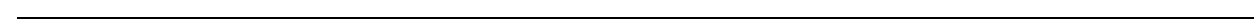
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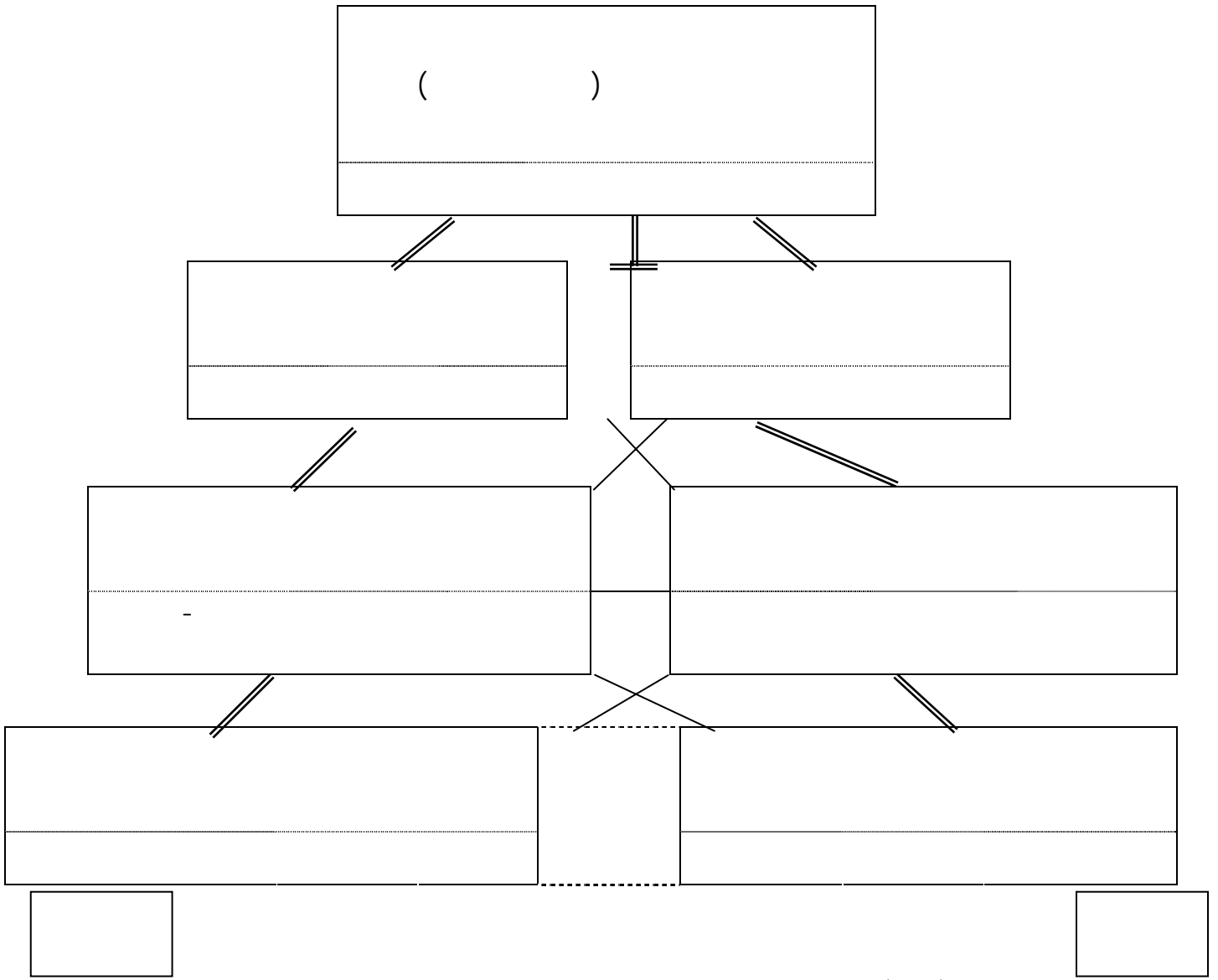
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- (1) analytic
 - (2) deductive
 - (3) rigorous
 - (4) constrained
 - (5) convergent
 - (6) formal
 - (7) critical
 - (8) synthetic
 - (9) inductive
 - (10) expansive
 - (11) unconstrained
 - (12) divergent
 - (13) informal
 - (14) creative
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(Kawenski, 1991, Fontenot,1987) (Brilhart, Jochem,1964, Huftel :)
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