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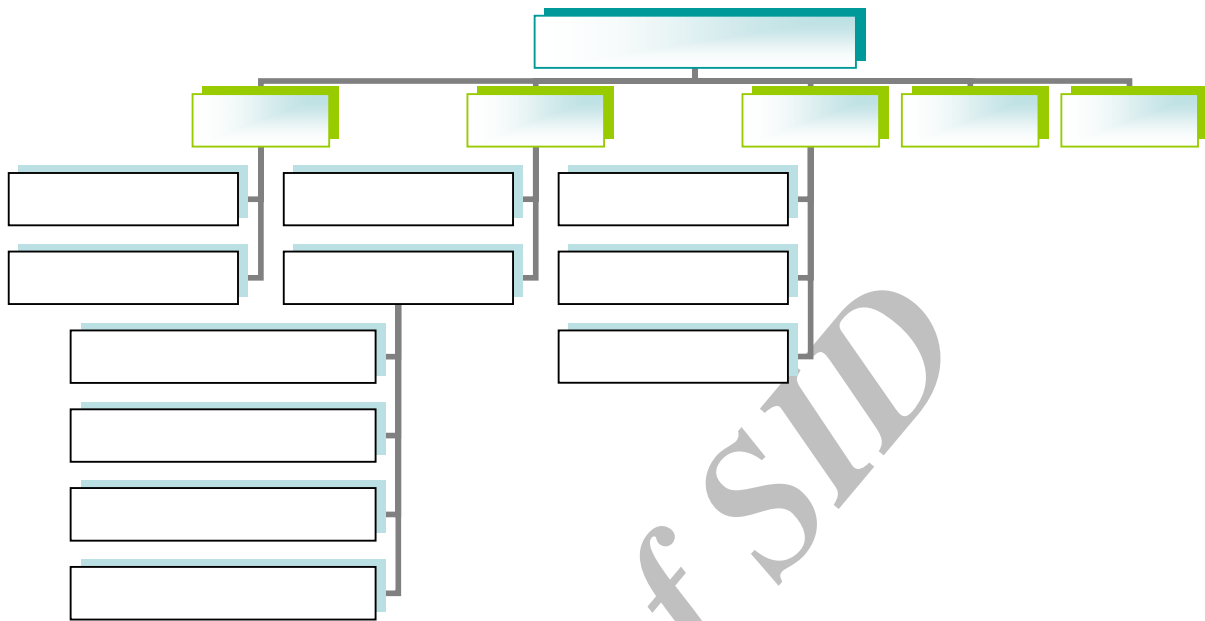
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$$(a_{12}) = [(a_{12})_1 * (a_{12})_2 * \dots * (a_{12})_n]^{1/n}$$

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EXPERT-

( ) ( ) CHOICE

Node: 0

Compare the relative IMPORTANCE with respect to: GOAL

آموزش	مهارتها	کسب دانش	ارتباطات	انعطاف پ
(2.2)	1.3	(2.8)	(1.1)	
(2.4)	1.3	(1.8)		
(1.4)	2.9			
(4.2)				

Row element is \_\_\_ times more than column element unless endorsed h ()

Abbreviation	Definition
Goal	انتخاب مدير توليد
انعطاف پ	انعطاف پذيري
ارتباطات	ارتباطات اجتماعي
کسب دانش	کسب دانش في
مهارتها	مهارتهاي جانبي
آموزش	اهميت دادن به آموزش



Inconsistency Ratio = 0.01

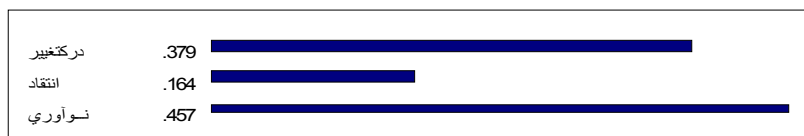
Node: 10000

Compare the relative IMPORTANCE with respect to: پ < GOAL

نوآوري	انتقاد	درک تغییر
(1.2)	2.3	
(2.8)		

Row element is \_\_\_ times more than column element unless endorsed h ()

Abbreviation	Definition
Goal	انتخاب مدير توليد
انعطاف پ	انعطاف پذيري
درک تغییر	درک تغييرات محيطي
انتقاد	پذيرش انتقادات
نوآوري	پذيرش ايدهاي جديد



Inconsistency Ratio = 0.0

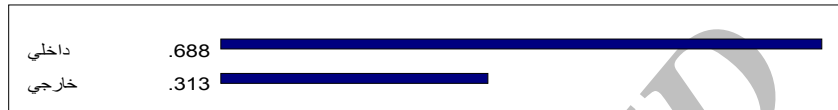
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Compare the relative IMPORTANCE with respect to: ارتباطات < GOAL

داخلی	خارجی
	2.2

Row element is \_\_\_ times more than column element unless enclosed in ( )

Abbreviation	Definition
Goal	انتخاب مدیر تولید
ارتباطات	ارتباطات اجتماعی
داخلی	ارتباطات اجتماعی با داخل موسسه
خارجی	ارتباطات اجتماعی با خارج از موسسه



Inconsistency Ratio =0.0

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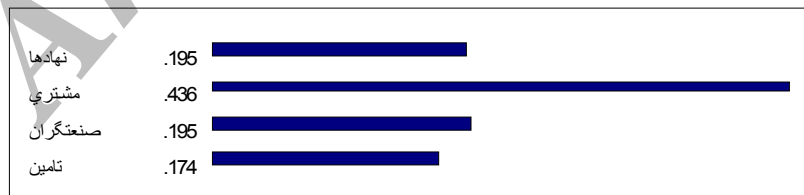
Node: 22000

Compare the relative IMPORTANCE with respect to: ارتباطات > خارجی < GOAL

	مشتری	صنعتگران	تامین
نهادهای	(2.0)	(1.1)	1.1
مشتری		2.4	2.6
صنعتگران			1.1

Row element is \_\_\_ times more than column element unless enclosed in ( )

Abbreviation	Definition
Goal	انتخاب مدیر تولید
ارتباطات	ارتباطات اجتماعی
خارجی	ارتباطات اجتماعی با خارج از موسسه
نهادهای	نهادهای دولتی
مشتری	مشتریان
صنعتگران	صاحبان صنایع
تامین	تامین کنندگان نهادهای تولید



Inconsistency Ratio =0.0

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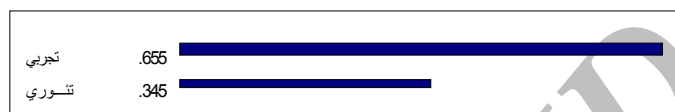


Compare the relative IMPORTANCE with respect to: کسب دانش &lt; GOAL

تجربي	تئوري
	1.9

Reveiment is \_\_ times more than column element unless embad n ()

Abbreviation	Definition
Goal	انتخاب مدير توليد
کسب دانش	کسب دانش في
تجربي	کسب دانش في بطريق تجربي
تئوري	کسب دانش في بطريق تئوري



Inconsistency Ratio = 0.0

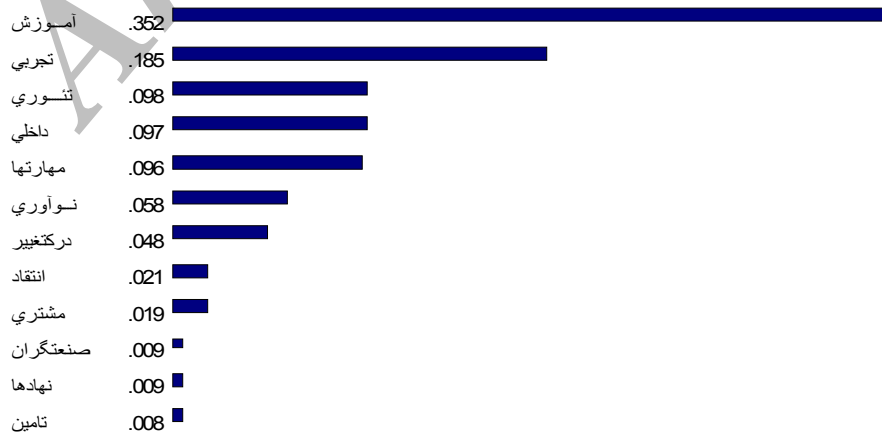
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## Synthesis of Leaf Nodes with respect to GOAL

Distributive Mode

OVERALL INCONSISTENCY INDEX = 0.01

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
آموزش = ۳۵۲				
کسب دانش = ۲۸۳				
	تجربي = ۱۸۵			
	تئوري = ۰۹۸			
ارتباطات = ۴۱				
	داخلي = ۰۹۷			
	خارجي = ۰۴۰			
		مشترتي = ۰۱۹		
		صنعتگران = ۰۰۹		
		نهادها = ۰۰۹		
		تامين = ۰۰۸		
انعطاف = ۱۶۸				
	نوآوري = ۰۵۸			
	درکتيغير = ۰۴۸			
	انتقاد = ۰۲۱			
مهارتها = ۰۹۶				



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## Determination of the effective criteria for production manager selection in furniture industry

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### Abstract

Determination of the effective criteria in decision making to select production manager in furniture industries is main activity to increase the unit's efficiency. For know – how of effective criteria in manager selection, 9 units were searched in the country. These criteria were divided into five major groups and 10 sub-sections. A hierarchy was constructed based on five major groups of criteria. Analytical Hierarchy Process then established the weights of the indicators. The result showed that Overall Inconsistency Index is 0.01 and among 12 effective criteria in manager selection for furniture industry, importance of training, acquisition of technical knowledge in experiment, acquisition of technical knowledge in theory, internal social communication and lateral skills have high priority, respectively.

**Keywords:** Criteria, Group decision making, Analytical Hierarchy Process, Furniture, Inconsistency Ratio

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