

Reffat, R. (2004) The future of traditional Arabian city center in the digital age between restoration and reutilization, in the Proceedings of the Future of Traditional Arabian City Center, Arab Urban Organization, Homs, Syria.

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rabee@arch.usyd.edu.au :

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(Virtual Reality)

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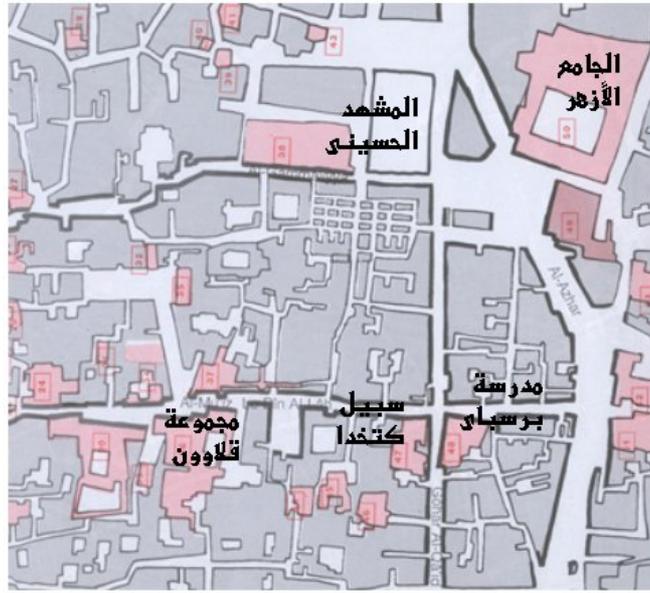
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4.1

[2]



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4.3

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[4,5]

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(IC: Integrated Circuits)

. [6]

(Fiber

Optics)

.[6, 7]
(Internet)

.[6]

(Data Processing)

(Information Processing)

(AI: Artificial Intelligence)

.[6] (Knowledge Processing)

(Expert

. [8,9]

Systems)

(Virtual Reality)

. [6]

. [6, 10]

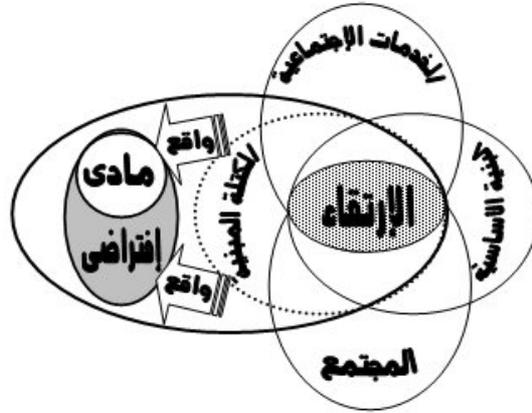
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7.1

.[11]

(4)

.[12]

ركائز عملية الإرتقاء الشمولي



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7.2

7.2.1

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(Virtual

Worlds)

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(Virtual spaces)

[13]

7.2.2

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(Immersion)

(Mental Immersion)

(Physical Immersion)

(Sensory Feedback)

[14]

(5)

[14, 15, 16, 17, 18]

7.2.2



(5)

() INI-GraphicsNet

[19].

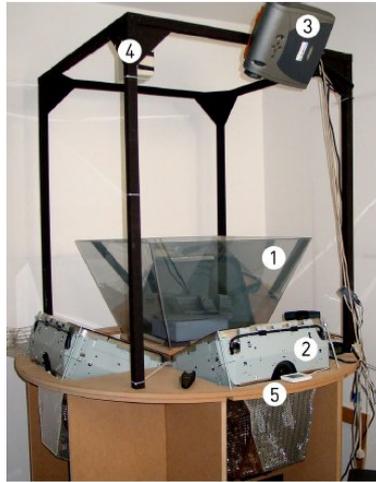
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(Virtual Showcase)

[20] (6)

[20] (7)

[20] (8)



(6)



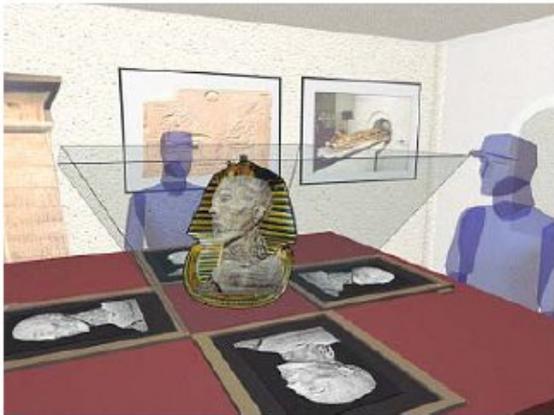
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(Augmented Reality Kiosk (ARK))

. [19] (9)



(9)

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	(2000)		.4
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128		(1988)	.5
276		(2001)	.6
	:	(1995)	.7
(2000)	253		
		(1985)	.8
		(1993) 172	
		(1995)	.9
	:	(1998)	.10
(2001)	270		

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 .(54-17)
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 .(56-53)
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