

(I):
(), pp. 159- 197.

1.

30 가 , , , 30 , 80 , 30

1.1.

19

Ebbinghaus
Ebbinghaus
(paired associate learning)
가 把持(retention)
(mechanism) 가

1960

가 () 1970 20 (Atkinson & Shiffrin,

1968; Waugh & Norman, 1965),

가
(;)

가
(encoding

specificity) [;]
Collins Quillian(1969)

(Anderson & 相似(analogue)
Bower, 1973; Kintsch, 1974), (Paivio, 1971).

/ 가
(Tulving, 1972), 가
(Anderson, 1983).

1980 가 가 . 60-70
(global models)

, Murdock(1983) TODAM(theory of distributed associative
memory)

. 70 (Baddeley & Hitch, 1974)

80
. Baddeley(1986, 1990)
多重

, / , / , / 가 (implicit memory)

가 . (, 1995). 異
 常者 (, 1995).
 多 .
 (Squire, 1986),
 가 (Tulving, 1991),
 가 , ,
 .
 (Rumelhart, McClelland, & LNR Group, 1986).
 , 가 ,
 .
 가 .
 事前 (가)
 , 自傳 ,
 가 .
 80
 가 . 80

2. :

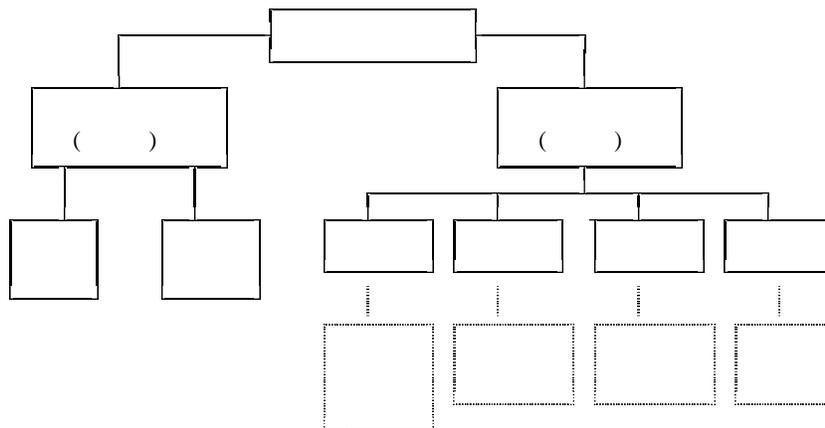
1980 -
 , (systems)
 (multiple systems) , 70-80
 , (explicit and implicit
 memory)
 Tulving(1985) 가
 가
 , 가 ,
 , 가
 . Schacter Tulving(1994b)
 가 .

가
 ,
 ,
 가
 (dissociation)가
 ,
 ,
 (Tulving, 1991).

2.1.

Tulving (1972)
 (procedural) (declarative)
 (semantic memory) (episodic memory)
 Tulving(1983) 'noetic (knowing)', 'auto-noetic(self-knowing)',
 'anoetic(not knowing)' 가 . 'noetic'
 , 'auto-noetic'
 , 'anoetic'

Squire (Squire, 1988; Squire & Zola-Morgan, 1991) [1]



[1] Squire

, 80 (working memory) 가
(subsystems) ()
Baddeley (Baddeley, 1986, 1990; Baddeley
& Hitch, 1974).

가
,
,
가
(processing resources) 가
(memory span)
가
(dual task)

, 3
,
, 8
(, 가)
가
가
Baddely Hitch(1974)

3
가
, Baddeley Hitch
(speech)

() 가

가 ()
(recycling) ,

(phonological store) (articulatory control process) .
Baddeley(1986) (inner voice) .

(anarthia) .
? Shankweiler Liberman

(1976) (alexia) 가
가 ()

. Baddeley Lewis(1981)

가

視空間 雜記帳(visuo-spatial sketch pad: VSSP)

(image) 가

Brooks(1968)

가 가

Baddeley(1986)

가

(central executive)

가

. Baddeley (1986)

가
(regulatory and control)
가
가
()
Klapp, Mashburn, Lester(1983) 가, 가
가, 가
가
(frontal lobe) . Baddeley (1990)
(dysexecutive syndrome)
CB
(Parkin, 1993). 가 PET
가
(Baddeley, 1994a, 1994b).
가 가 ()
) (Baddeley, 1986).
가?
가 가
. Ericsson Kintsch(1995)
(short-term working memory, ST-WM)
(; ,)
(long-term working memory: LT-WM)
가

가

2.2.2.

가

가 . 가

. [1]

表象

(心象)

(procedural memory)

(action system)

敘述的(declarative; What)

非敘述

的

가,

가,

(What)?

(How)?

(basal ganglia)

가

가

前

前頭

(prefrontal area)

가

가

(perceptual representation system: PRS)

가

가

再認(recognition)

(priming)

가

가

2.3.

가? Tulving(1995a)

SPI(serial, parallel, and independent)

(serial)

()

(parallel)

가

(independent)

가 가

가

가? Squire, Knowlton, Musen(1993)

(Squire & Knowlton, 1995).

(medial temporal lobe)
(diencephalon)

(hippocampus)

(entorhinal cortex)

가

(striatum)가,
(amygdala)가,
가
(frontal lobe)

(neocortex) ,
(cerebellum)가,
Shimamura (1995)

가

가 가

가

가

가

가

3. , ,

(wax)

. 20

R. Semon

(multi-engrams)'

가

가

(m₁)

가

(m₁, m₂, ...)

가

. Bartlett(1932)

(feeling of familiarity)

1960

1970

. 1960

端緒

機制

가

가

가

衰退

[

가

腐蝕(decay)

]

가

()가 (, 1985).
 가 , 가 ,
 가
 , 가
 , 가
 가 가
 (Lee, 1979).

- 가 -
 Anderson(1983) (spreading activation)

, (positive) 가

. Gernsbacher(1990), Dagenbach Carr(1994), Anderson
 Spellman(1995) (inhibitory) 가
 가 ,
 가 가

4.

가

McKoon(1988) 共鳴 (A,B,C,D, ...)

가 引出時 (Ci) 가 (Cj,...) 同調的 誘發 (Ci) 가 時 同調 類似性 共鳴 (better match) 共鳴 가 가

數理的 1960 Wickelgren Norman(1966), Murdock(1966)

d' Murdock(1966, 1974, 1983) TODAM 가

回旋(convoluted)-相關 的(correlated) Poisson-Neyman TODAM 1982 (Murdock, 1983, 1993), (Hockley & Lewandowsky, 1991). Murdock TODAM 가

Ratcliff (Ratcliff, 1978; Ratcliff, 1990; Ratcliff & McKoon, 1988). Eich(1982) CHARM, Hintzman(1984) MINERVA II, Humphreys, Pike, Bain, Tehan(1989) Matrix, Shiffrin (Gillund & Shiffrin, 1984; Raaijmakers & Shiffrin, 1981; Shiffrin & Raaijmakers, 1992) SAM

가 ()
 Murdock 가
 Shiffrin SAM(Search of
 Associative Memory) 積
 (formal models)
 가 (global)

5.

1980 ()
 (distributed)
 가
 가 (exact) ()

가

가, ()
 가

가 (1994)
가

가

가

가
(graceful degradation)

가

(local)

가

가

(6).

가

6.

(explicit)

가

(Schacter, 1994, 1995). Graf Schacter (1985)

가

(unconciuous) (, Freud)

重意的 가

(amnesic) 가

가

Korsakoff 가 가

가

識域下

가

識域下

Reber(1989)

. Reber 가

가

가

[(1995)].

Tulving, Schacter, Stark(1982) 가
1 後 1 後 가

(, 'tobogan' '- o- o- ga-')
(fragment)

가

(repetition priming)

16

. Parkin(1993)

completion)

(stem

가

Jacoby(1983)

(,)
(, 가)

가

(Schacter, 1989).

가
(modality)

(,)

- (study- test) 가

(retroactive)

()

(proactive)

가

가,

가

가

가

가

(1995)

HM

Milner

1960

가

象

. Verfellie (1991) TR

(GSR)

TR

가

가

가 가

Luria

가

. Schacter

(

)

)

(

)

가

가 , logogen

(bottom-up) (top-down)

가

가 , Squire
(declarative)

7.

Bartlett(1932)

(schema, Bartlett, 1932),
(script; Schank & Abelson, 1977)

(frame; Minsky, 1975),

가 (integration) Bartlett Bransford Franks(1971), Loftus, Miller

Burns(1978) , (selection) Pichert Anderson(1977)
 , 가 Keenan,
 Baillet, Brown(1984)
 80 가 .
 Alba Hasher(1983) 가 ,
 가
 , 가
 . 70 . 80
 가 가 ,
 (8) 가
 , 가?
 가
 ,
 ,
 ,
 , 가 가 ,
 Sharkey Mitchell(1985) 가 ,
 . Kintsch(1988)
 300ms
 가 . Just Carpenter(1992) 가
 가 ,

가 Just Carpenter(1992)
 가 ,
 Kintsch(1995) 가 ,
 Ericsson
 . Bartlett(1932) (,)

가
 . Neisser(1982)
 ,
 가 (7).

8.

Bower(1981)

8.1. Bower

Bower (semantic network of emotion)

가 , ,
 가
 가
 가 가 (mood) ()

가 (), 가 (), 가 ().

Bower (mood congruency) 가 .

Tulving

가 (, 1994a).

注意 (可用 가)

가 가 (, 1994a).

8.2.

가 . , , ,

Isen, Means, Patrick

Nowicki(1982) Fiedler(1988)

(, 1994b).

[3] , ()

[3]

[]

(heuristics)

loosening

tightening

relaxation

가

散開的(divergent)

收斂的(convergent)

가

(tolerance)

選好 轉換

[]

()

()

가

가

(-)

(非)

(-)

(*)

(*)

8.3. , ,

? , 가

. Freud

가

?

가

가

. Freud

가

가

. Freud

(rehearsal)

. Freud

. Kleinsmith Kaplan(1963)

. Freud

(arousal)

(가)

價가

가

Freud

. 가

(+)

. Freud

(-)

(arousal)

가 , (+, -) 가 .

가 , 가 .

가 :

가 가 .

가 ,

가 ,

가 , 가

가 가

가) (

(Mogg, Mathews, & Weinman, 1987). Mathews,

Mogg, May Eysenck(1989)

() 가

가 , 가

9. (metamemory)

(Metcalf & Shimamura, 1994) 80

(Presseley & Meter, 1994).

超-認知的

,週期別
)

正

가,
가
가

(updating)

Nelson Narens(1994)

() (learning) (),
(), (), (study) (),
(), (feeling-of-knowing) () ,
(), (), (),
() 가 가 가

가 가 . 1970 1980
가 (9). 70
(analog)

(production system) . Anderson(1983) ACT(adaptive control of
thought)

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가 . ,
(, 가
) 가 .
9 .

11.

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가 .
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가 , 가 .

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) ,
 . Schneider(1993)

, - -
 . 가
 가
 - - ()

- (1995). : , 14 , 104- 115.
- (1985). : , 65- 76.
- (). (). (1994). : . : .
- (1995). , 14 , 116- 131.
- (1994a). 가 .
- (1994b). () .

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