

(autism spectrum disorder, ASD)

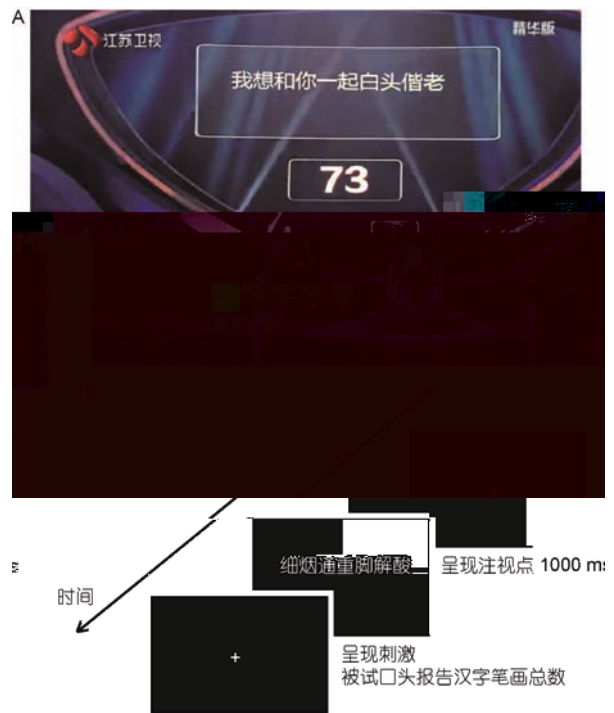
(numerosity estimation)^[2-4].

(1B).

(functional Magnetic Resonance Imaging,

fMRI)

(left hippocampus)



1 “ ” (A) (B)()

spectrum disorder, ASD)
compulsory disorder, OCD)

(autism-spectrum quotient, AQ)
(obsessive-compulsive inventory-revised, OCI-R)

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[4],

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(savant

syndrome)

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[5,6]

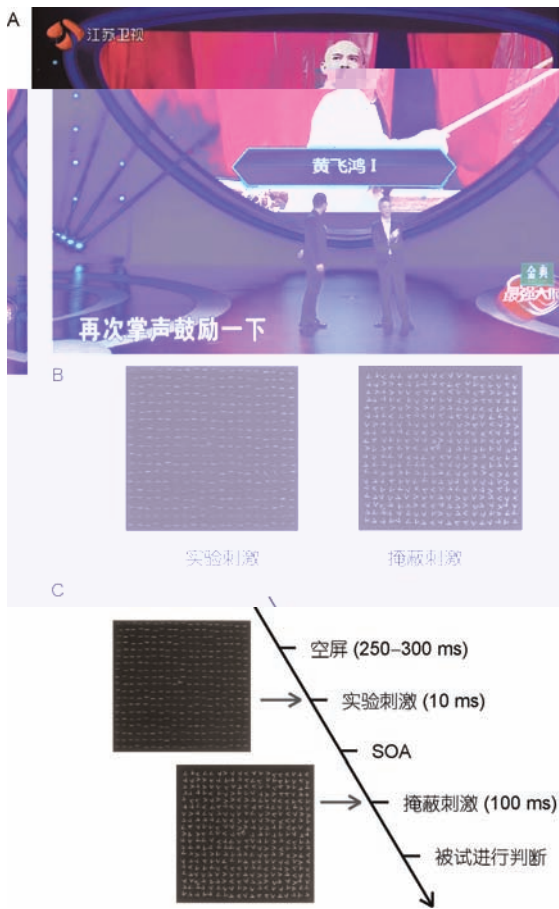
(

)

,

(calendar calculating,

^



2 “ ” (A)
 (B) TDT
 (C) ()

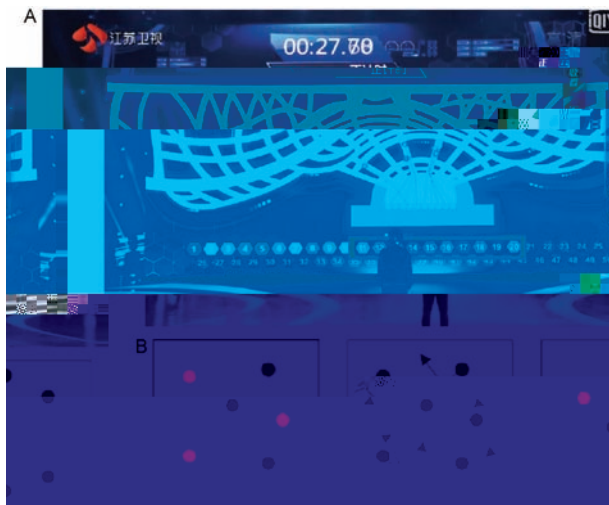
1000) , 50%~
 70% , 40~50 ms [8],
 40~50 ms,

, TDT
 ,
 10

,
 ,
 ,
 ,
 [9-12],
 [13], [14]

(V1)^[15] ,

[9],
 [8,16], [17,18],
 (V1)
 [19], [20,21],
 (amblyopia),
 12 ,
 [22,23],
 3
 “
 , 50 15 min,
 50 (3A).
 (multiple-object
 tracking, MOT)
 ;
 30 ,
 1998 , Pylyshyn Storm
 [24],
 (target item),



3
”(A) [25](B)()

(distractor item).
7~15 s.
(3B).
capacity).
15 min 50
[25]
50
(visual attention)
(multifocal attention),
[24]

(visual index)
(switch model) (preattentive indexes theory).
?
. 2006
, Green Bavelier
2,
[26].
“ ”
[27].
?
(superior parietal lobule, SPL)
(frontal eye fields, FEF) (intraparietal sulcus, IPS)
(middle temporal complex, MT+)^[28-31]. , SPL FEF
MT+ , IPS
4
“ ” .
(4A).
?
?
(biological motion)
Johansson(1973)
(4B)^[32].

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- ” : “ , “ ” . ,
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