

4 (2004)

1. 11 가?

- (1) ----- 0
- (2) ----- 16
- (3) ----- 10 2 1 , 15~20 1 , 20 1 , 3 1 , 3

1. discussion .
2. 1 .

- 1.
2. Organizers

2. 3 가?

- (1) ----- 1
- (2) -----20
- (3) ----- 5 2 3 , 1~2 1

: 10 3 .

3. .()

1) Cosmological Perturbation Theory

- 가.
- () --- 9
- () --- 14
- () ----- 0

- () --- 19
- () --- 4

2) Conformal Field Theory

가.

() --- 10

() --- 14

() ----- 0

.

() --- 21

() --- 3

3) Standard Model

가.

() --- 6

() --- 16

() --- 3

.

() --- 24

() --- 2

SUSY

Inflation

Path-integral

Group theory

Gauge theory

Soliton and instanton

(Loop) quantum gravity

String theory

SSB-Higgs mechanism

Feynman rule

More application (or other fields)

Quantization of nonabelian gauge theories

1. 가 .

2. 가 . 가 가 가 .

4.

(.)

- 1 --- 4
- 2 --- 9
- 3 --- 6
- 5 --- 1

1.2 , 1 , , Path integral,
 , 1, 1, , 1, 1.2, 1,
 , , 3

- 1. 20 2.25
가 .
- 2. 3 .

5. ?

- (1) () 1 (1) 2 (3) 2 (4) 2 (8) 1 --- 8
- (2) (1) 6 (2) 3 (3) 4 (4) 1 (5) 1 --- 15
- (3) (6) 1 (8) 1 --- 2

6. :

- (1) _____
1
6
2
1.
2.
: 가 .

(2) _____
1
6

: 가

(3) _____
1
6
1

1. 가 .

: APCTP

(4) _____
5
3

1. 가 .
2. 가 가 .
3. web ...
: 가 .(5) Organizer가

7.

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-
- review
- school school SUSY
- school reference
-
- 가
- time table
- ...
- 3

-
- school (가)
- 가
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1. 가
2. . . reference
3. 가 contact hour . (가)
4. e-mail , .