

2000

1.

$$\begin{vmatrix} 1 & 2 & 3 & 4 \\ -2 & 1 & 0 & 5 \\ 2 & 4 & 3 & 5 \\ 4 & 0 & -1 & -2 \end{vmatrix}$$

2. (finite integral domain) (field)

3. $n > 1$ n n

(group)

4. 가

5. $P(p, q, r)$

$$l : \frac{x - x_0}{a} = \frac{y - y_0}{b} = \frac{z - z_0}{c} \quad H$$

6.

(1) r 가

(2) (compact)

7.

8. $f, g : [a, b] \rightarrow \mathbf{R}$ 가 $f(a) < g(a), f(b) > g(b)$

$f(x) = g(x)$ $x \in (a, b)$ 가

9.

(1) $\int_0^1 dx \int_x^1 e^{y^2} dy$

(2) $\int_{|z|=1} \frac{dz}{z^2 - 2z}$

10. 1997 12 30

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