$z = \dfrac{i \quad + \ i}{+i}$ z

A B C D

ΔABC AD BC $\overrightarrow{AE} = \overrightarrow{ED}$ $\overrightarrow{EB} = \lambda\overrightarrow{AB} + \mu\overrightarrow{AC}$ $\dfrac{\lambda}{\mu} =$

A - B −− C D −

$f\ x\ =$ $\dfrac{\pi}{}-\omega x$ $\omega x+$ $\pi-\ \omega x$ $-\dfrac{\pi}{}\ \dfrac{\pi}{}$ ω

A − B − C − D −

$ABC - A\,B\,C$ $AB = AC =$ $AA\ =$ $AB \perp AC$

A $\sqrt{}\pi$ B $\sqrt{}\pi$ C $\dfrac{\sqrt{}}{}\pi$ D $\dfrac{\sqrt{}}{}\pi$

$\vec{a}\ \vec{b}\ \vec{c}$ ∘ $\left|\vec{a}-\vec{b}+\ \vec{c}\right|$

A $\sqrt{}$ B C D $\sqrt{}$

$m\overrightarrow{OA} - \ \overrightarrow{OB}+\overrightarrow{OC} = \bar{}$ (

A B C D

ΔABC $\angle A\ \angle B\ \angle C$ $a\ b\ c$ $C+$ $B-A\ =$ A ΔABC

A B C D

$\overrightarrow{AC}$ $\overrightarrow{AB}$ − $\left|\overrightarrow{AB}\right| = \left|\overrightarrow{BC}\right| = \sqrt{}$ $\left|\overrightarrow{AC}\right|$

A $\sqrt{}$ B $\sqrt{}$ C D

ΔABC $a\ b\ c$ $\dfrac{b}{a+c}+\dfrac{c}{a+b}\geq$ A

A $\left(\ \dfrac{\pi}{}\right]$ B $\left(\ \dfrac{\pi}{}\right]$ C $\left[\dfrac{\pi}{}\ \pi\right)$ D $\left[\dfrac{\pi}{}\ \pi\right)$

O $\triangle ABC$ $A=$ $\frac{B}{C}\overrightarrow{AB}+\frac{C}{B}\overrightarrow{AC}=m\overrightarrow{AO}$ m

A $\sqrt{\quad}$ B $\sqrt{\quad}$ C $\sqrt{\quad}$ D $\sqrt{\quad}$

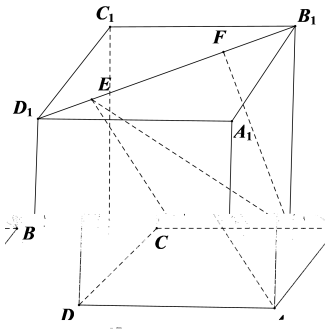
A

B $\vec{a}$ $\vec{b}$ $\vec{a}$ $\vec{b}$

C A B M N $\overrightarrow{BA}$ $\overrightarrow{BM}$ $\overrightarrow{BN}$ A B M N

D $\{\vec{a}\ \vec{b}\ \vec{c}\}$ $\vec{m}=\vec{a}+\vec{c}$ $\{\vec{a}\ \vec{b}\ \vec{m}\}$

$ABCD-A\,B\,C\,D$ $B\,D$ E F $EF=\sqrt{\quad}$.



A $A-BEF$

B E D $A-EF-B$

C EF $ABB\,A$ —

D E D AE BF —

$A-BCD$ $AB=AC=AD=$ $CD=$

_____ B ACD _____

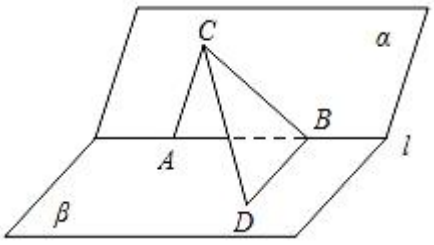
l $x+y-$ $=$ P x $+y$ $=$ A B $PAOB$

_____ $PAOB$ _____

AC BD α β α β

$AB=$ $AC\perp l$ $BD\perp l$ $AC=$ $BD=$ $CD=$ AB CD

_____ $\alpha-l-\beta$ _____.



ΔABC A B C a b c $\frac{b}{a}+\frac{a}{b}=$ C a $+b$ $=\lambda c$ i

$\lambda=$_____ ii $\frac{C}{A}+\frac{C}{B}=$_____.

ΔABC A B C a b c a $A+b$ $B+\sqrt{\ }b$ $A=c$ C.

C

$a=\quad b=\sqrt{}\qquad BC\qquad\qquad AB\qquad D\qquad CD$

$a\ b\ c\qquad \Delta ABC\qquad A\ B\ C\qquad\qquad \vec{m}\perp\vec{n}\qquad \vec{m}=\left(---\qquad (A+B)\qquad \frac{A-B}{}\right)$

$\vec{n}=\left(-\quad\right)$

$A\quad B$

$\frac{S_{ABC}}{c}$

$y = a + bx$ $y = c \cdot d^{x}$ c d

y x

y x

$\bar{y}$	$\bar{v}$	$\sum_{i=} x_i y_i$	$\sum_{i=} x_i v_i$	

$v_i =$ y_i $\bar{v} = -\sum_{i=} v_i$

u v u v $\cdots$ u_n v_n $\bar{v} = \alpha + \beta u$

$$\beta = \frac{\sum_{i=}^{n} u_i v_i - n\bar{u} \cdot \bar{v}}{\sum_{i=}^{n} u_i - n\bar{u}} \quad \alpha = \bar{v} - \beta \bar{u} .$$

$\vec{u} =$ $\omega x -$ $\vec{v} = \left(\omega x + \omega x - \right) \omega >$ $f(x) = \vec{u} \cdot \vec{v}$ $f(x)$

$\frac{\pi}{}$

$f(x)$

$f\ x\ = m\ m >$ $x \in \left[\frac{\pi}{} \right]$ x x m $x + x$

$g\ x\ =$ $x + af\left(\frac{x}{}\right)$ $\left[-\frac{\pi}{} \ \frac{\pi}{} \right]$ a