ADB (. 3). AOB , AB - O_1. O_1, AB

, $OO_1 = \frac{R\sqrt{3}}{2}$. $\sin\ O_2OO_1 = \frac{O_2O_1}{OO_1}$
$a\ -1$ $a+1;$ $-1a1$ $-2a.$. $x_1 = -2a, x_2 = a+1, x$
$\{\, x_3\, x_1,$
$x_3 x_2,\ .\ .\ \{-\,a-1-2a,$
$-\,a-1a+1,$ $-1a1.$ $a,$ $x_2,$ $x_1.$
$x = \underset{*}{(-1)^n}\frac{\pi}{6} + n\pi, y = (-1)^k \times \arcsin\frac{3}{4} + k\pi, \mathrm{nk}-$
4
$20x \leq 60.$. $x(\ /\ )$- . $60\frac{}{x\ 1+\frac{1}{3}\ +\frac{60-x}{x+4}}.$

$R\sqrt{\frac{10+4\sqrt{2}}{17}}.$. , . ,