

VIZUAL VA TARQATMA MATERIALLAR

Topshiriqlar	To'g'ri javob	Muqobil javob	Muqobil javob	Muqobil javob
Tekislikning umumiy tenglamasini aniqlang.	$*Ax + By + Cz + D = 0.$	$\cos \varphi = \frac{\vec{n}_1 \cdot \vec{n}_2}{[\vec{n}_1] \cdot [\vec{n}_2]} = \frac{A_1 A_2 + B_1 B_2 + C_1 C_2}{\sqrt{A_1^2 + B_1^2 + C_1^2} \cdot \sqrt{A_2^2 + B_2^2 + C_2^2}}$	$\frac{A_1}{A_2} = \frac{B_1}{B_2} = \frac{C_1}{C_2}$	$x^2 + y^2 = R^2$
Ikki tekislik orasidagi burchakni aniqlang.	$*\cos \varphi = \frac{\vec{n}_1 \cdot \vec{n}_2}{[\vec{n}_1] \cdot [\vec{n}_2]} = \frac{A_1 A_2 + B_1 B_2 + C_1 C_2}{\sqrt{A_1^2 + B_1^2 + C_1^2} \cdot \sqrt{A_2^2 + B_2^2 + C_2^2}}$	$\frac{A_1}{A_2} = \frac{B_1}{B_2} = \frac{C_1}{C_2}$	$Ax + By + Cz + D = 0.$	$x^2 + y^2 = R^2$
Nuqtadan tekislikkacha bo'lgan masofani aniqlang.	$*d = \frac{ Ax_0 + By_0 + Cz_0 + D }{\sqrt{A^2 + B^2 + C^2}}$	$(x - a)^2 + (y - b)^2 = R^2$	$ MC = \sqrt{(x - a)^2 + (y - b)^2 + (z - c)^2}$	$\left \vec{a} \right = \sqrt{a_x^2 + a_y^2 + a_z^2}$
A(0;0;-1), B(-2;3;0) C(1;-1;2) nuqtalarning qaysi biri $x + 2y + z + 1 = 0$ tekislikda yotadi?	*A nuqta	B nuqta	C nuqta	A va B nuqta
$x - y + 2z - 6 = 0$ tekislikning tenglamasini kesmalar bo'yicha tenglamaga keltiring.	$*\frac{x}{6} - \frac{y}{6} + \frac{z}{3} = 1$	$\frac{x}{-6} + \frac{y}{-6} + \frac{z}{3} = 1$	$\frac{x}{6} + \frac{y}{6} + \frac{z}{6} = 1$	$\frac{x}{6} + \frac{y}{6} + \frac{z}{6} = 1$