

6 . (2007 ж). Есептеңіз: $5\sqrt{2} \sin(\frac{\pi}{2} - \text{arctg}(-\frac{1}{7}))$.

Шешуі. $5\sqrt{2} \sin(\frac{\pi}{2} - \text{arctg}(-\frac{1}{7})) = 5\sqrt{2} \cos(\text{arctg}(-\frac{1}{7})) =$
 $= 5\sqrt{2} \cos(-\text{arctg}(\frac{1}{7})) = 5\sqrt{2} \cos(\text{arctg}\frac{1}{7}) = 5\sqrt{2} \cdot \frac{1}{\sqrt{1+\frac{1}{49}}} = \frac{5\sqrt{2}}{\frac{5\sqrt{2}}{7}} = 7$

Жауабы. 7.

