

4.20 Trigonometric Equations

Whole number: n

504. $\sin x = a$, $x = (-1)^n \arcsin a + \pi n$

505. $\cos x = a$, $x = \pm \arccos a + 2\pi n$

506. $\tan x = a$, $x = \arctan a + \pi n$

507. $\cot x = a$, $x = \operatorname{arc cot} a + \pi n$