Functions - Inverse Trig ½

Find the solutions to these inverse trig functions. Write the problem letter with the solution at the bottom to find the author of some books that were never written.

G. $\csc^{-1}(-2) = \frac{-\pi}{6}$

M. $\cot^{-1} 0 = \frac{\pi}{2}$

U. $\sin^{-1} \frac{1}{2} = \frac{\pi}{6}$

B. $\cos^{-1} 1 = 0$

T. $\sec^{-1}\left(\frac{-2\sqrt{3}}{3}\right) = \frac{5\pi}{6}$

N. $\cos^{-1}(-1) = \pi$

L. $\tan^{-1} 1 = \frac{\pi}{4}$

I. $\csc^{-1}\left(-\sqrt{2}\right) = \frac{-\pi}{4}$

K. $\cos^{-1}(2) = \emptyset$

O. $\cot^{-1}(-1) = \frac{3\pi}{4}$

R. $\tan^{-1}\left(\sqrt{3}\right) = \frac{\pi}{3}$

S. $\sin^{-1}\left(\frac{-\sqrt{3}}{2}\right) = \frac{-\pi}{3}$

E. $\csc^{-1}(-1) = \frac{-\pi}{2}$

D. $\sec^{-1}(-2) = \frac{2\pi}{3}$

'The Last of Twelve' by D $\frac{2\pi}{3}$ E $\frac{-\pi}{2}$ E $\frac{-\pi}{2}$ S $\frac{-\pi}{3}$ E $\frac{-\pi}{2}$ M $\frac{\pi}{2}$ B 0 E $\frac{-\pi}{2}$ R $\frac{\pi}{3}$

'Lumberjack' by T $\frac{5\pi}{6}$ I $\frac{-\pi}{4}$ M $\frac{\pi}{2}$ B 0 U $\frac{\pi}{6}$ R $\frac{\pi}{3}$ R $\frac{\pi}{3}$

'There's a Hole in My Bucket' by L $\frac{\pi}{4}$ E $\frac{-\pi}{2}$ E $\frac{-\pi}{2}$ K $\emptyset$ I $\frac{-\pi}{4}$ N π G $\frac{-\pi}{6}$

'The World is a Big Place' by M $\frac{\pi}{2}$ I $\frac{-\pi}{4}$ K $\emptyset$ E $\frac{-\pi}{2}$ R $\frac{\pi}{3}$ O $\frac{3\pi}{4}$ B 0 E $\frac{-\pi}{2}$