Title

Christian Kniep

August 20, 2010

1 9.7.2 Worked Example

Sectiontext

1.1 1. Find the values of $\sin 75$, $\cos 75$ and $\tan 75$ We now that $\sin A + B = \sin A \cos B + \cos A \sin B$

1.2 Solution

Put A =45, B=30 $\sin (45+30)=\sin 45 \cos 30 + \cos 45 \sin 30$ i.e., $\sin 75=1232+12.12=3122$ $\sin 75=3+1$ 2 2 we know that $\cos A+B=\cos A \cos B-\sin A \sin B.Put A=45, B=30$ $\cos (45+30)=\cos 45 \cos 30-\sin 45 \sin 30$ i.e $\cos 75=1232-1212=3-122$ Thus, we have $\cos 75=3-122$ $\tan (A+B)=\tan A + \tan B$ 1-tan A tan B put A=45, B=30 Normal text $\tan (A+B)=\tan A + \tan B$ 1-tan A tan B put A=45, B=30

But you can easily embed tiny text into other sizes.

1.3 Link

Link to ICAT:

http://www.icat.ac.id/