

4.6 Reduction Formulas

391.

β	$\sin \beta$	$\cos \beta$	$\tan \beta$	$\cot \beta$
$-\alpha$	$-\sin \alpha$	$+\cos \alpha$	$-\tan \alpha$	$-\cot \alpha$
$90^\circ - \alpha$	$+\cos \alpha$	$+\sin \alpha$	$+\cot \alpha$	$+\tan \alpha$
$90^\circ + \alpha$	$+\cos \alpha$	$-\sin \alpha$	$-\cot \alpha$	$-\tan \alpha$
$180^\circ - \alpha$	$+\sin \alpha$	$-\cos \alpha$	$-\tan \alpha$	$-\cot \alpha$
$180^\circ + \alpha$	$-\sin \alpha$	$-\cos \alpha$	$+\tan \alpha$	$+\cot \alpha$
$270^\circ - \alpha$	$-\cos \alpha$	$-\sin \alpha$	$+\cot \alpha$	$+\tan \alpha$
$270^\circ + \alpha$	$-\cos \alpha$	$+\sin \alpha$	$-\cot \alpha$	$-\tan \alpha$
$360^\circ - \alpha$	$-\sin \alpha$	$+\cos \alpha$	$-\tan \alpha$	$-\cot \alpha$
$360^\circ + \alpha$	$+\sin \alpha$	$+\cos \alpha$	$+\tan \alpha$	$+\cot \alpha$