

GA-1 HYBRID ANALOG-COMPUTER SYSTEM  
 PRELIMINARY - UNPUBLISHED SIMULATION OF SINE-COSINE FUNCTION MODULE  
 GLEN KLEBERG/COMET NOVEMBER 2010

Scale: 1A = 100mA

WHERE:  
 R = RESISTANCE FACTOR  
 $r = \pm 0.01\Omega$

OR (IN COSINE MODE):  
 R = RESISTANCE FACTOR  
 $r = \pm 0.01\Omega$

IN BOTH CASES:  
 $\theta = 0^\circ$  to  $180^\circ$   
 BY TRANSFORMER SCALES TO 0.6 DEGREES PER VOLT,  
 RANGE: -180V TO 180V RMS

