

Latitude	Declination	Sum	hav.			
-		=n	.			
+		=p	.			
		sum q=	.			
		"1"	.9	9	9	10
		copy q	.			
		1 - q				
LHA=	LHA Hav.	.				

.9 9 9 10 was written to ease subtraction of q from 1.000

X

n rules

Lat, dec same name then n= Lat - dec

Lat, dec contrary name then n= Lat + dec

p rules

Lat, dec same name then p= Lat + dec

Lat, dec contrary name then p= Lat - dec

LHA rules

LHA < 180° then LHA = LHA

LHA > 180° then LHA = 360- LHA

carry				
product				
round				
copy n				
hav (s2s)= sum				

90°	8	9°	6	0
enter Hav s2s		°		
Hc = subtr.				