





celestial body		latitude	longitude	altitude	sin(altitude)
					A =
					B =
					C =
		X _n	y _n	Z _n	
		cos(lat)·cos(lon)	cos(lat)·sin(lon)	sin(lat)	
	GP 1				
	GP 2				
	GP 3				l .
					-
		Px	Ру	Pz	1
	P =	B∙x1 - A∙x2	B∙y1 - A∙y2	B·z1 - A·z2	l .
					l
					-
		Qx	Qy	Qz	
	Q =	C∙x2 - B∙x3	C∙y2 - B∙y3	C∙z2 - B∙z3	
	Q -				
					_
		x	у	Z	
	V =	Py·Qz - Pz·Qy	Pz·Qx - Px·Qz	Px·Qy - Py·Qx	
	-V =				l
					-
	latitude		longitude	$d = \sqrt{x^2 + y^2} =$	
fix 1:	fix 1:			lat = atan2(z, d)	
fix 2:			lon = atan2(y, x)		