

**EXERCÍCIO 3**

RaioT	6371000		
a=	6378137	c=	6399593.626
e^2=	0.00669438003	V=	1.002052685
b=	6356752.3		
e'^2	0.006739497	0.006739497	

Vértice V0	X=	4434762.566		
	Y=	-2281439.751		
	Z=	3962879.113		
	D	AZ	dH	
GPS 1985.4	35428.764	73.32401417	75.894	
GPS 1992.5	35428.817	73.32401472	75.889	

**3-a)**

	FI0	FI1	FI2	FI3
FI	0.799966542	0.675206188	0.674722459	0.67472048
N	6389150.855	6386494.342	6386484.226	6386484.185
deg	45.8347066	38.6864649	38.6587493	38.6586359
	rad	deg	min	seg
FI=	0.674720472	38.6586354	39.5	31.087
LAM=	-0.475136417	-27.2233114	13.4	23.921
h=	133.519			

**3-b)**

		h1=	209.413	c/Rm	2ª Fór.
N=	6386484.185	D3.85=	35427.731	35427.730	7.6983E-06
Ro=	6360345.810	D3.92=	35427.784		7.6984E-06
Rm=	6373401.598	D4.85=	35427.777	35427.775	35427.777
Ralf=	6384323.693	D4.92=	35427.830		35427.830

**3-c)**

	<b>1985</b>	<b>1992</b>
FI.1=	0.676318863	0.676318866
LAM.1=	-0.468331287	-0.468331277
h.1=	209.413	209.408

**3-d)**

	seg	m	mm/y
FI	0.000482638	0.014	2.04
LAM	0.002104336	0.063	8.89
h		-0.005	-0.70