

2) GEODETIC CONNECTION OF CIUDAD UNIVERSITARIA WITH THE GENERAL TRIANGULATION OF THE COUNTRY.

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Having in mind not only cartographic requirements, such as integration of the Federal District map with the correct position of Ciudad Universitaria, located somewhat far from Mexico City, but also because there are within the former three institutions that require precise knowledge of their coordinates, the Gravimetric Post, the Seismologic Station and the Astronomic Observatory of the School of Engineering, these points were situated through a connection with the Cadastral Triangulation of the Federal District which is referred to the 1927 datum point.

Results of these operations, which will be published in the *Anales del Instituto de Geofísica, UNAM.*, are shown by means of the following geodetic coordinates:

Angle	Latitude	Longitude	Altitude
Torre de Ciencias	19°19'56"	99°10'59"	
Cúpula del Observatorio de la Facultad de Ingeniería	19°19'50"	99°11'03"	
Escuela de Medicina	19°19'56"	99°10'49"	
Estación Sismológica	19°19'44"	99°10'41"	2273.754m
Punto interior, al pie del poste A de la Estación	19°19'44".4	99°10'41".1	2256.731m
Poste Gravimétrico	19°20'01"	99°10'54"	2268. 50m

II LEVELLINGS AND CRUSTAL DISPLACEMENTS

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3) RESULTS OF TWO PRECISION LEVELLINGS EXECUTED IN THE PORT OF ACAPULCO, GRO., BEFORE AND AFTER THE DESTRUCTIVE EARTHQUAKES OF 1962.

<i>Name and Number of Bench Mark</i>	<i>Levellings</i>		<i>Differences</i>
	1961	1966	
Hotel Papagayo, Bench Mark # 11	2,452 m.	2.471 m.	- 0.019 m.
Bench Mark # 10	3,419	3,400	+ 0.019
Bench Mark # 9	2.885	2.859	+ 0.026
Bench Mark Y 150	3.331	3.093	+ 0.238
Bench Mark Y 151	2.617	2.359	+ 0.258

<i>Name and Number of Bench Mark</i>	<i>Levellings</i>		<i>Differences</i>
	1961	1966	
Bench Mark N ^o 4 located in the vicinity of the tide-gauge station	2.361 m.	2.342 m.	+ 0.029

These results indicate appreciable displacements of ground in the zone where earthquakes reached their highest intensity.

III GEODETIC ASTRONOMY

4) ASTRONOMIC POSITIONS DETERMINED WITH A PENDULUM ASTROLABE.

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<i>N^o</i>	<i>Station</i>	<i>Latitude</i>	<i>Longitude</i>
1	Lachivixhuyo, Oax.	16°48'40".52	94°57'55".43
2	Lázaro Cárdenas, Oax.	16°43'34".91	94°51'46".05
3	S. Miguel Chimalapa, Oax.	16°42'51".20	94°45'03".23
4	S. Felipe Cihualtepec, Oax.	17°28'47".34	95°22'13".52
5	Finca Colombia, Oax.	17°24'42".95	94°58'32".68