

The power which reflects Bouguer-Anomaly and is generated from underground heterogeneous structure

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The law of gravity demonstrates an interesting effect under a certain condition. It is a disk whose central part is low temperature and whose circumference part is high. Theoretically, explosive central force occurs in high temperature part. Of course, this phenomenon is unrelated of the phenomenon which a so-called thermal energy causes.

If a dust devil familiar in scale is taken for an example, it will enable The 2-Temperature Rotation Disk to generate only by a cold advancing into one corner of the air of the schoolyard heated in general. The warmth which encloses the cold binds tight from the circumference. If it says concretely, the warmth which face each other on both sides of the cold tends to pull each other and to approach. The warmth begins to revolve around the cold after all. Since there is Central Force first, the portion which does not carry out rotation corresponding to it can be immediately drawn near in the direction of a center. It moves in the direction of a center gradually, rotating. That is, it is a whirlpool. The crowding warmth will go up.

In The Meteorological Society of Japan (2004), the mechanism of Mindanao dome, El Nino, an extratropical cyclone, and a typhoon was already explained. The 2-Temperature Rotation Disk is not the product of a fancy or illusion. It lurked also in the universe, the empty, the sea, and the familiar phenomenon. Since it is the hypothesis involved in the gravity which governs nature, the principle of a remarkable phenomenon can be explained without inconsistency. And it has become the situation that the result which leads to calamity prevention is also expectable. If the density of a low-temperature part and a high temperature part is not widely different, a phenomenon in which the high temperature part located in both sides of a low-temperature part tends to pull each other, and tends to result in rotation may happen in any substances regardless of gas, a liquid, and a solid.

That is, also in the inside of the earth, The 2-Temperature Rotation Disk should be generated according to the temperature distribution. Now by seismic wave tomography's ability of presuming the temperature distribution in the crust, the research which explores relation with it and an active fault, or the focus and, or a focus dislocation is prosperous in seismology and geophysics. General recognition that a dislocation is not distributed inside a high temperature region, but is distributed around it is already formed by the result of research of each research organization. Supposing high temperature regions pull each other and it is truly, it will be thought that the gravity data of surface of the earth is naturally affected. It says that if the Bouguer-Anomaly value is large, a heavy substance is distributed, and the light substance is distributed if small.

As a temperature distribution map of a certain section, the speed change distribution map of the seismic wave in the Chugoku-Shikoku cross section which the department of the Okayama University earth science exhibits was used. The Bouguer-Anomaly value on the cutting line used The Japanese-Islands Gravity Atlas. The power by which the high temperature regions pulled mutually and which should be generated theoretically is filled in on the temperature distribution map by the vector.

The abnormalities in gravity in a certain position by this are the resultants of the perpendicular ingredient of the vector which is in the right under direction. The curve which this resultant draws, and the change curve of the Bouguer-Anomaly are so harmony-like that it is surprised. You say that the Bouguer-Anomaly express The 2-Temperature Rotation Disk directly rather in addition to a heterogeneous distribution of rock. Also in the underground of the earth, a possibility that pulling each other of high temperature regions had occurred increased.

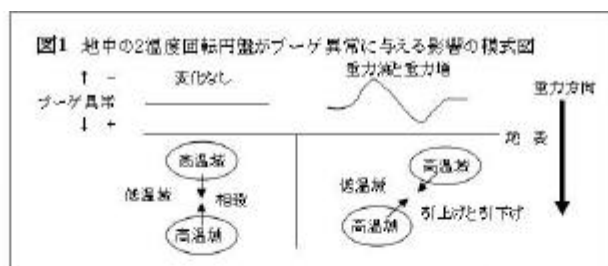


図2 地面の下の2温度回転円盤
地震波トモグラフィの技術による地殻と上部マントルの断面での地震波の速度変化分布図

(<http://www.deac.okayama-u.ac.jp/Geo/Highschool/chikyuanalbu.html>より)
2温度回転円盤による力を模式的にベクトルで記入した。コンターが実線で、網かけされた部分が比較的高温。コンターが点線の部分は比較的低温とされる。この断面でのブーゲ異常の変化が、鉛直成分の合力の場所による変化によりほとんど説明できず、ほぼ両者は観測的である。

