

## **Paleomagnetism of Egyptian pyramids**

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**Abstract:** In the journal *Europhysics News* (40/1/2009) it has been published an article by G. Demortier, in which the author presents his theory of the great Egyptian pyramids. Claims and proves are given that the stone blocks from which the pyramids are built are not the natural rock blocks, but rather are produced by the method of concreting sand desert on the spot. One of the possibilities of verifying this hypothesis is the determination of direction of the magnetic polarization of samples pyramid blocks. If the blocks were performed artificially on the site, their directions of magnetic vectors (paleodirections) should be parallel; if the pyramids were constructed from blocks of natural limestone and were randomly placed in the pyramid, their paleodirections should be dispersed. Results of a series of magnetic measurements show that the pyramids are made of a natural rock material, although some blocks could be produced artificially.