



## **Absolute palaeointensity during the last field reversal recorded in lavas from La Guadeloupe, French West Indies**

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Re-sampling of lavas from Basse Terre, La Guadeloupe, French West Indies, was carried out in order to determine the absolute palaeointensity of the geomagnetic field during the Matuyama - Brunhes Transition. Thermal demagnetisations and rock magnetic experiments were carried out to determine the direction of the recorded palaeomagnetic field and to characterise the carriers of magnetic remanence. By using the microwave palaeointensity technique, we present new results from transitionally magnetised and stable polarity lavas. These results are compared to previously obtained results from La Guadeloupe using the Thellier method, and discussed in the context of temporal and spatial variations of a transitional geomagnetic field.