A SURVEY OF THE ORINOCO RIVER BASIN FOR INTENSE AURORA Z-PINCH PATTERNS RECORDED BY MANKIND IN PREHISTORY

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Rock art from the Neolithic carry patterns of high-current Z-pinches as would result from an intense plasma impinging Earth. Comparison of the artwork has been made to experimental and computational Z-pinch data\(^1\). GPS locations of the art worldwide illustrate that all carvings were oriented ±4° to the artists view polar south (PS)\(^2\). We report the survey of overlying granite boulders along 300 km of the Orinoco River: caves with views in all directions. From this data we find that the artists view was ±1.5° PS, the direction of aurora synchrotron radiation seen above Antarctica.

Top: view PS inside cave. To right of clinometer, Chandrasekhar-Shafranov separatrix petroglyph\(^1\). Bottom: 0.6-m resolution Quickbird satellite photo of cave locations (dots) at Tres Cerr, Venezuela; polar south at bottom.


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