



## **Results and analysis of the ITRF2005 and its contributed techniques**

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In a first part, this paper examines the quality, peculiarity and frame parameters of the individual solutions of space geodesy techniques contributing to the ITRF2005. These contributions are being under the form of time series of station positions and Earth Orientation Parameters, a critical evaluation will be made to point out forces, limitations and systematic errors inherent to each technique. In a second part, pertinent results of the ITRF2005 will be presented, discussing the overall quality, robustness and datum definition. A special emphasis will be given to address the ITRF2005 datum specifications and their accuracy, namely the origin, the scale and the No Net Rotation condition.