ERRATUM

Erratum to: Impact of the arc length on GNSS analysis results

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The paragraph in Sect. 5.3

“Satellite positions can be compared in the inertial or in the Earth-fixed coordinate system. When comparing them in the inertial system, one checks the consistency of the orbit parameters. When comparing the satellite positions in the terrestrial system one checks in addition the consistency of the EOPs on both days. Here, we only consider the misclosures in the inertial system.”

should read as

“Orbit misclosures may refer to the inertial or to the Earth-fixed system. Assuming the same observation scenario from

day to day, orbit misclosures in the Earth-fixed system exclusively characterize the difference of the orbits at the day boundaries in one and the same reference frame. In the inertial system the pole misclosures (Eq. 1) affect the orbit misclosures, as well. Subsequently, we uniquely analyze the orbit misclosures in the inertial system.”

The above change does not affect the findings and conclusions of the original paper.

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