Preparing the Bernese GPS Software for the analysis of SLR observations to geodetic satellites

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Benchmark solutions B and C
**Orbit repeatability**

Compute a series of **8-day arcs** for the Benchmark data set; each arc shifted by one day

⇒ orbit comparison of two adjacent 8-day arcs = **7 overlapping days**

- Similar procedure for **12-day** and **16-day** arcs (11, 15 overlapping days)
- Different solution types: **B, C, D**

![RMS of residuals for series B8](image1)

![RMS of residuals for series D8](image2)