



Sophistication in UT1-Intensive Scheduling by Using Impact Factors – First Results of Field Tests –

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- Theory of impact factors
- Results of Int2 sessions





Diagonal elements: Impact factors $h ((0 \le h_i \le 1))$

- Leverage points
- Important for geometrical stability
- Significant impact on accuracy of estimated parameters







- 6 initial observations for $\Delta UT1$, cl_0 , cl_1 , cl_2 , at_a , at_b
- First two Int2 test sessions in August 2014
- All Int2 sessions since January 1, 2015
- Results in this study taken from bkgint14.eopi, gsf2014a.eopi, bkg0014.eoxy, gsf2014a.eoxy



UT1-UTC results





















Differences BKG - GSFC





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- Scheduling with impact factors
 - Produces smaller formal errors
 - Solutions less prone to outliers
- BKG and GSFC treat outliers differently

