DATA-ADAPTIVE HARMONIC ANALYSIS OF RADIATION BELT ELECTRON FLUXES Dmitri Kondrashov

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Figure 5: Spatio-temporal patterns of DAHMs and time series of associated DAHCs

Figure 3: Principal component analysis (PCA) of Log(flux) anomalies: d = 3 leading Principal components (PCs) capture 90% variance and reveal complex mixture of temporal scales.

D. Kondrashov and M. D. Chekroun. Data-adaptive harmonic analysis and modeling of solar wind-magnetosphere coupling. Journal of Atmospheric and Solar-Terrestrial Physics, in press., 2017. doi: 10.1016/j.jastp.2017.12.021.

Figure 6: Same as in Fig. 5 but at another frequency (black dots in Fig. 4).

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