Appendixes A and B.
Intra-night flickering of RS Ophiuchi: II
by Ts. B. Georgiev er al.

Appendix A. Table 1.

Table 1. B **band data.** The columns are, as follows: 1 – designation of the monitoring light curve (MLC), 2 – number of the points in the MLC values, 3 – total monitoring time (min), 4 – mean time step of the MLC (min), 5 – polynomial degree of the MLC flattening (Sect. 1.0), 6 – average flux of the linearized MLC, 7 – standard deviation in the MLC (Eqs. 4), 8 – half-range (amplitude) deviation in the MLC, 9 – decreasing factor of the standard deviation of the MLC after flattening, 10 – skewness of the MLC histogram (Eqs. 5), 11 – kurtosis of the MLC histogram (Eqs.6), 11 – telescope.

#	$N_{\rm M}$	$T_{\rm M}$	$\tau_{\rm M}$	m	$b_{\rm AV}$	$b_{\rm SD}$	$b_{\rm RD}$	$r_{\rm SD}$	A'	E'	Telescope
1	2	3	4	5	6	7	8	9	10	11	12
01B	50	103	2.10	3	88.0	3.57	7.17	1.27	-0.330	-0.454	70cm Sch
02B	70	56	0.81	3	184.3	7.85	14.77	1.36	0.269	-0.938	60cm Roz
03B	83	104	1.26	2	177.5	9.30	22.40	1.18	-0.089	-0.183	60cm Roz
04B	70	80	1.17	2	137.0	7.74	16.99	1.67	-0.217	-0.228	60cm Roz
05B	46	28	0.63	2	143.8	5.39	12.34	1.61	-0.057	0.060	70cm Sch
06B	61	83	1.38	3	180.9	6.59	17.53	1.56	0.038	0.965	60cm Roz
07B	66	110	1.69	3	244.3	11.49	27.11	2.69	0.310	0.073	60cm Roz
08B	61	75	1.25	3	126.1	7.25	17.16	1.21	-0.161	0.763	60cm Roz
09B	34	110	3.32	3	83.0	3.83	7.53	1.91	0.136	-0.314	60cm Roz
10B	314	127	0.40	3	67.9	3.01	7.95	1.07	0.070	-0.191	70cm Sch
11B	200	221	1.11	3	93.4	5.25	13.68	1.21	0.183	-0.376	60cm Bel
12B	83	148	1.81	5	57.3	2.64	7.31	4.92	0.073	0.647	60cm Roz
13B	223	127	0.57	3	64.7	2.96	6.84	1.64	-0.172	-0.492	2.0m Roz
14B	46	121	2.70	3	116.1	6.86	17.96	1.26	0.436	0.790	60cm Roz
15B	127	140	1.11	1	136.3	7.19	19.13	1.27	0.182	-0.126	70cm Sch
16B	470	161	0.34	7	124.2	6.31	19.27	1.66	0.811	1.016	70cm Sch
17B	92	43	0.47	3	78.8	2.66	8.20	1.29	0.399	1.576	70cm Sch+60cm Roz
18B	39	43	1.14	3	139.4	6.09	10.82	2.02	0.034	-0.882	60cm Bel
19B	65	69	1.07	1	81.9	2.64	6.23	1.02	-0.185	-0.399	60cm Bel
20B	106	121	1.15	5	76.5	3.71	8.35	3.50	0.331	-0.701	60cm Bel
21B	32	62	2.01	5	103.6	3.61	6.91	1.40	0.026	-0.615	70cm Sch
22B	55	92	1.71	3	129.2	7.85	15.27	1.58	-0.369	-0.563	70cm Sch
23B	55	111	2.06	3	106.4	4.30	9.66	2.05	0.158	-0.257	70cm Sch
24B	95	204	2.17	3	107.1	6.31	12.88	1.49	0.228	-0.696	70cm Sch
25B	117	93	0.80	3	135.2	5.09	15.64	2.23	0.340	0.786	70cm Sch
26B	82	78	0.96	3	123.3	6.82	15.85	1.12	0.670	0.597	60cm Bel
27B	148	125	0.85	5	191.2	8.01	24.54	1.55	0.119	0.146	60cm Bel
28B	129	119	0.93	5	186.6	7.40	17.51	1.81	0.230	-0.244	41cm Jaén
29B	66	63	0.97	4	192.2	7.38	15.83	1.37	-0.027	-0.174	41cm Jaén

Appendix A. Table 2.

Table 2. V **band data.** The columns are, as follows: 1 – designation of the monitoring light curve (MLC), 2 – number of the points in the MLC values, 3 – total monitoring time (min), 4 – mean time step of the MLC (min), 5 – polynomial degree of the MLC flattening (Sect. 1.0), 6 – average flux of the linearized MLC, 7 – standard deviation in the MLC (Eqs. 4), 8 – half-range (amplitude) deviation in the MLC, 9 – decreasing factor of the standard deviation of the MLC after flattening, 10 – skewness of the MLC histogram (Eqs. 5), 11 – kurtosis of the MLC histogram (Eqs. 6), 11 – telescope.

#	$N_{\rm M}$	$T_{\rm M}$	$\tau_{\rm M}$	m	$v_{\rm AV}$	$v_{\rm SD}$	$v_{\rm RD}$	$r_{\rm SD}$	A'	E'	Telescope
1	2	3	4	5	6	7	8	9	10	11	12
01V	186	115	0.62	3	54.4	2.49	5.84	1.66	-0.165	-0.617	2.0m Roz
02V	95	66	0.70	3	108.4	4.90	10.70	1.33	0.547	0.030	60cm Bel
03V	133	102	0.77	2	103.8	5.79	14.24	1.17	-0.225	-0.274	60cm Bel
04V	81	78	0.98	3	73.6	5.40	12.42	1.66	-0.053	0.026	60cm Bel
05V	467	111	0.24	1	81.4	6.93	18.55	1.07	0.238	0.275	2.0m Roz
06V	61	83	1.38	3	119.2	4.57	13.81	1.48	-0.179	1.447	70cm Sch
07V	67	116	1.75	3	158.7	9.57	28.35	2.15	-0.020	0.414	70cm Sch
08V	141	96	0.69	3	76.1	5.04	12.95	1.16	-0.298	0.621	60cm Bel
09V	34	115	3.48	3	42.5	2.20	4.48	2.04	0.596	0.258	70cm Sch
10V	200	116	0.58	3	31.7	1.76	4.31	1.03	0.072	-0.360	2.0m Roz
11V	220	223	1.02	3	38.7	2.60	7.07	1.23	0.237	-0.340	60cm Bel
12V	70	134	1.95	5	26.0	1.65	4.02	5.65	0.020	0.292	70cm Sch
13V	224	124	0.56	3	30.3	1.82	4.56	1.22	0.292	-0.306	70cm Sch
14V	47	121	2.64	3	63.3	4.14	9.72	1.32	0.406	0.579	60cm Roz
15V	128	140	1.10	1	70.3	4.67	10.38	1.33	0.143	-0.616	70cm Sch
16V	335	138	0.41	7	68.5	3.55	9.62	1.87	0.685	0.652	70cm Sch
17V	361	142	0.40	7	41.4	2.48	6.85	1.69	0.086	-0.115	2.0m Roz
18V	39	43	1.14	3	88.8	4.10	8.40	1.97	-0.016	-0.644	60cm Bel
19V	65	69	1.07	0	39.0	1.85	3.97	1.00	0.029	-0.671	60cm Bel
20V	104	118	1.15	5	30.2	3.01	7.55	2.92	0.916	1.620	60cm Bel
21V	43	93	2.22	3	49.7	3.44	6.87	1.42	-0.219	-0.167	70cm Sch
22V	54	85	1.60	3	76.8	4.75	9.52	1.65	-0.554	-0.662	70cm Sch
23V	64	130	2.06	3	68.7	2.67	6.79	2.45	0.065	0.098	2.0m Roz
24V	95	204	2.17	3	66.5	3.92	7.66	1.57	0.100	-0.975	70cm Sch
25V	117	93	0.80	3	96.5	3.05	9.93	2.32	0.363	0.841	70cm Sch
26V	85	81	0.96	3	59.1	4.03	9.00	1.11	0.573	0.079	60cm Bel
27V	145	120	0.84	5	136.1	5.44	14.95	1.61	-0.055	0.028	60cm Bel
28V	129	119	0.93	5	103.8	4.08	9.90	1.99	0.131	-0.218	41cm Jaén
29V	67	62	0.94	4	116.1	3.82	8.28	1.80	-0.131	-0.248	41cm Jaén

Appendix A. Table 3.

Table 3. B **band results.** The columns are, as follows: 1 – designation of the monitoring light curve (MLC) of the flickering source, 2 – average B magnitude of the MLC, 3 – standard deviation of the B magnitude of the MLC, 4 – range deviation of the B magnitude of the MLC (Sect. 1.3), 5 – main quasi-period (min) (Sect. 2.0), 6 – level of the deviation function, corresponding to the quasi-period (Secr. 3.2), 7 – structure gradient (Sect. 2.2), 8 – Hurst gradient (Sect. 2.3), 9 – autocorrelation time (min), 10 - date of observation 20xx.xxxn.

#	$B_{\rm AV}$	$B_{\rm SD}$	$B_{\rm RD}$	P	δB	SG	HG	$\tau_{\rm ACF}$	Date
1	2	3	4	5	6	7	8	9	10
01B	9.686	0.043	0.085	40.30	0.0435	0.205	0.230	8.16	2008.5175
02B	8.885	0.045	0.084	25.60	0.0464	0.210	0.149	5.22	2009.4545
03B	8.928	0.056	0.129	52.00	0.0546	0.566	0.218	7.85	2009.4572
04B	9.204	0.060	0.127	22.80	0.0527	0.832	0.216	5.19	2009.5585
05B	9.159	0.040	0.090	17.50	0.0368	0.792	0.275	2.76	2009.5640
06B	8.904	0.039	0.100	28.00	0.0377	0.081	0.318	5.08	2010.3313
07B	8.579	0.050	0.114	28.00	0.0477	0.527	0.296	6.04	2010.3340
08B	9.296	0.061	0.138	22.80	0.0577	0.400	0.249	4.77	2012.3231
09B	9.752	0.049	0.094	31.60	0.0470	0.740	0.272	8.40	2012.4518
10B	9.969	0.047	0.120	20.90	0.0442	0.499	0.163	4.87	2012.5503
11B	9.625	0.059	0.149	56.00	0.0565	0.438	0.159	11.06	2012.5585
12B	10.154	0.049	0.130	51.00	0.0496	0.597	0.286	6.98	2012.6270
13B	10.022	0.049	0.109	20.00	0.0439	0.546	0.138	6.34	2012.6297
14B	9.386	0.062	0.156	30.90	0.0636	0.480	0.343	0.00	2013.5065
15B	9.212	0.056	0.143	47.50	0.0567	0.438	0.183	10.68	2013.5284
16B	9.314	0.054	0.157	47.00	0.0551	0.467	0.161	5.95	2013.6188
17B	9.807	0.036	0.107	17.00	0.0344	0.488	0.235	3.42	2013.6215
18B	9.188	0.046	0.081	21.40	0.0441	0.520	0.187	4.64	2013.6672
19B	9.767	0.034	0.080	23.00	0.0297	0.319	0.226	4.61	2014.4737
20B	9.841	0.052	0.113	16.60	0.0448	0.296	0.180	4.42	2014.4764
21B	9.513	0.037	0.070	23.80	0.0389	0.509	0.256	4.63	2014.5804
22B	9.274	0.064	0.122	44.20	0.0647	0.518	0.176	9.07	2014.6708
23B	9.482	0.043	0.094	34.00	0.0411	0.186	0.338	5.13	2016.5722
24B	9.475	0.062	0.123	73.00	0.0571	0.393	0.166	15.14	2016.5777
25B	9.223	0.040	0.119	31.10	0.0391	0.402	0.267	4.82	2017.2437
26B	9.321	0.058	0.131	20.00	0.0487	0.283	0.206	5.48	2017.4069
27B	8.846	0.045	0.131	29.80	0.0401	0.432	0.243	6.57	2017.4873
28B	8.872	0.042	0.097	22.90	0.0394	0.436	0.209	3.99	2017.5531
29B	8.839	0.041	0.086	15.60	0.0396	0.639	0.211	4.00	2017.6817

Appendix A. Table 4.

Table 4. V **band results.** The columns, are as follow:s 1 – designation of the monitoring light curve (MLC) of the flickering source, 2 – average V magnitude of the MLC, 3 – standard deviation of the V magnitude of the MLC, 4 - range deviation of the V magnitude of the MLC (Sect. 1.3), 5 – main quasi-period (min) (Sect. 2.0), 6 – level of the deviation function, corresponding to the quasi-period (Sect. 3.2), 7 – structure gradient (Sect. 2.2), 8 – Hurst gradient (Sect. 2.3), 9 – autocorrelation time (min), 10 – date of observation 20xx.xxxx.

#	$V_{\rm AV}$	$V_{\rm SD}$	$V_{\rm RD}$	P	δV	SG	HG	$\tau_{\rm ACF}$	Date
1	2	3	4	5	6	7	8	9	10
01V	9.555	0.049	0.111	38.00	0.0466	0.679	0.157	7.96	2008.5175
02V	8.808	0.048	0.102	26.90	0.0428	0.723	0.207	0.36	2009.4545
03V	8.856	0.059	0.140	51.00	0.0551	0.490	0.193	8.05	2009.4572
04V	9.223	0.077	0.169	25.20	0.0632	0.597	0.202	6.55	2009.5585
05V	9.116	0.089	0.223	43.00	0.0905	0.600	0.119	9.40	2009.5640
06V	8.702	0.041	0.119	28.20	0.0410	0.594	0.360	3.96	2010.3313
07V	8.387	0.063	0.178	28.50	0.0500	0.455	0.262	6.18	2010.3340
08V	9.190	0.070	0.170	21.60	0.0671	0.715	0.189	4.80	2012.3231
09V	9.823	0.055	0.109	33.00	0.0499	0.397	0.248	10.28	2012.4518
10V	10.141	0.059	0.138	21.40	0.0548	0.681	0.180	4.97	2012.5503
11V	9.924	0.071	0.182	52.00	0.0687	0.533	0.166	8.80	2012.5585
12V	10.357	0.067	0.156	46.80	0.0670	0.309	0.274	8.67	2012.6270
13V	10.190	0.063	0.152	19.40	0.0520	0.644	0.118	5.75	2012.6297
14V	9.390	0.069	0.155	30.20	0.0717	0.630	0.296	6.68	2013.5065
15V	9.276	0.070	0.150	48.00	0.0716	0.376	0.144	11.43	2013.5204
16V	9.305	0.055	0.143	48.00	0.0558	0.482	0.134	4.96	2013.6188
17V	9.851	0.063	0.166	28.20	0.0618	0.548	0.153	4.42	2013.6215
18V	9.022	0.049	0.098	21.10	0.0465	0.491	0.157	4.49	2013.6872
19V	9.917	0.050	0.105	22.50	0.0440	0.389	0.221	6.78	2014.4737
20V	10.195	0.103	0.243	21.40	0.0962	0.397	0.204	4.54	2014.4764
21V	9.652	0.073	0.141	31.60	0.0702	0.370	0.254	5.47	2014.5804
22V	9.182	0.065	0.127	43.80	0.0662	0.687	0.171	9.21	2014.6708
23V	9.301	0.041	0.102	35.00	0.0375	0.215	0.355	5.81	2016.5722
24V	9.338	0.062	0.118	72.00	0.0559	0.381	0.128	16.59	2016.5777
25V	8.933	0.034	0.106	31.00	0.0333	0.320	0.293	5.08	2017.2437
26V	9.462	0.071	0.154	19.80	0.0607	0.399	0.184	5.07	2017.4079
27V	8.559	0.043	0.113	29.00	0.0377	0.475	0.208	6.18	2017.4873
28V	8.854	0.042	0.099	22.60	0.0383	0.451	0.215	4.27	2017.5531
29V	8.730	0.035	0.075	15.90	0.0345	0.517	0.174	3.69	2017.9008

Appendix A. Table 5.

Table 5. b **and** V **band results.** The columns are, as follows: 1 – B band designation, 2 – secondary or tertiary quasi-period, 3 – relevant level of the deviation function (Sect. 3.2), 4 – V band designation, 5 – secondary or tertiary quasi-period, 6 – relevant level of the deviation function (Sec. 3.2), 7 – B or V band designation, 8 – additionally found shorter quasi-period, 9 – relevant level of the deviation function (Sec. 3.2).

#	P,min	δb	#	P,min	δb	#	P,min	δb or δv
1	2	3	4	5	6	7	8	9
01B2	70.0	0.045	01V2	68.0	0.047	02b0	8.5	0.037
02B2	41.0	0.044	02V2	41.5	0.044	06b0	9.5	0.032
03B2	29.0	0.048	03V2	30.0	0.050	09b0	15.2	0.041
06B2	38.0	0.039	05V2	72.0	0.093	11b0	12.6	0.041
07B2	45.4	0.047	06V2	38.7	0.042	12b0	14.7	0.036
08B2	36.2	0.059	07V2	47.0	0.049	21b0	11.4	0.033
12B2	75.0	0.050	16V2	73.0	0.056	23b0	12.7	0.036
16B2	72.0	0.056	21V2	52.4	0.069	26b0	12.9	0.045
23B2	47.0	0.042	23V2	48.0	0.038	28b0	12.0	0.037
26B2	32.2	0.050	26V2	32.6	0.061	01v0	13.6	0.037
07B3	73.0	0.047	07V3	75.0	0.050	02v0	8.2	0.030
08B3	56.0	0.062	16V3	18.4	0.049	06v0	10.2	0.035
16B3	72.0	0.056	21V3	19.0	0.067	23v0	13.9	0.033

Appendix B. Gallery.

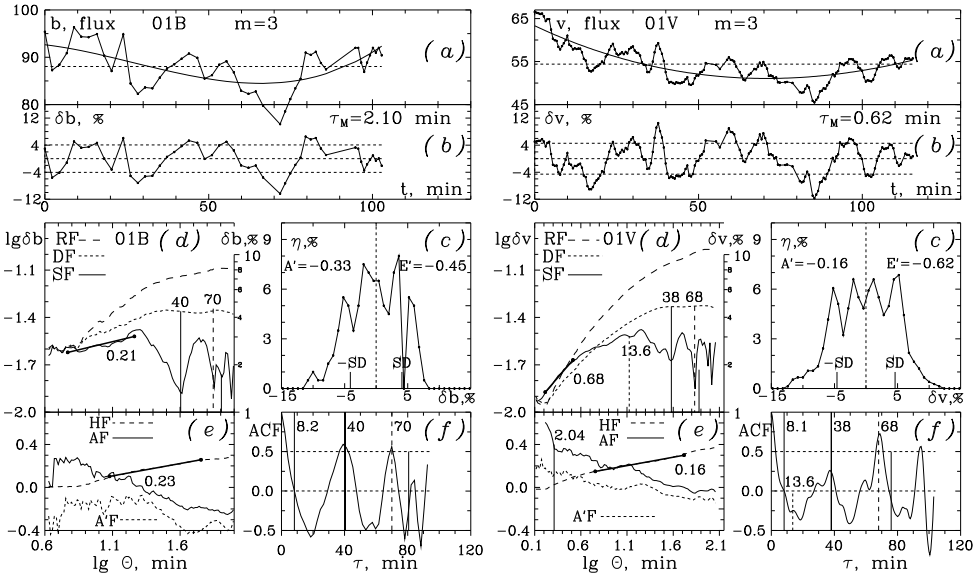

Fig. 1. 01B & 01V

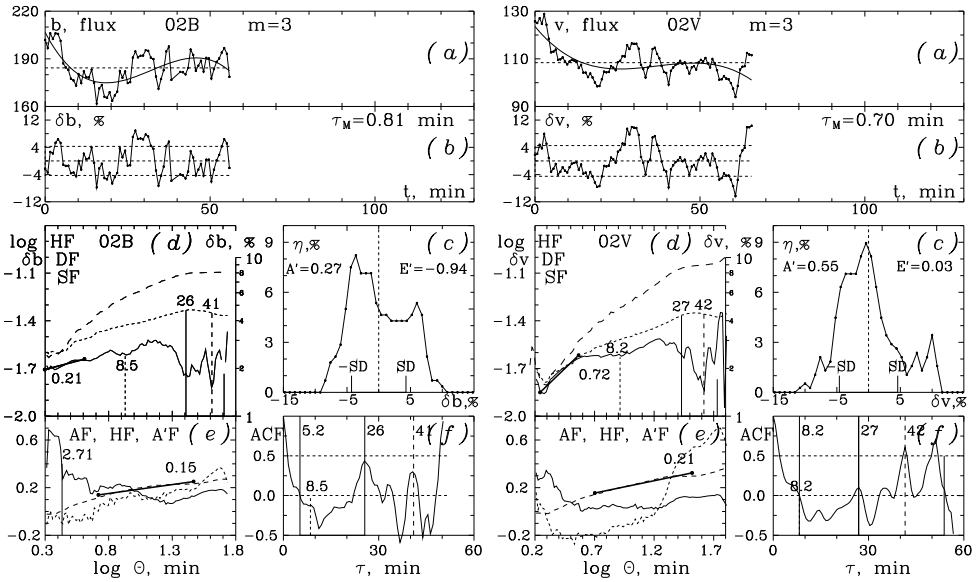

Fig. 2. 02B & 02V

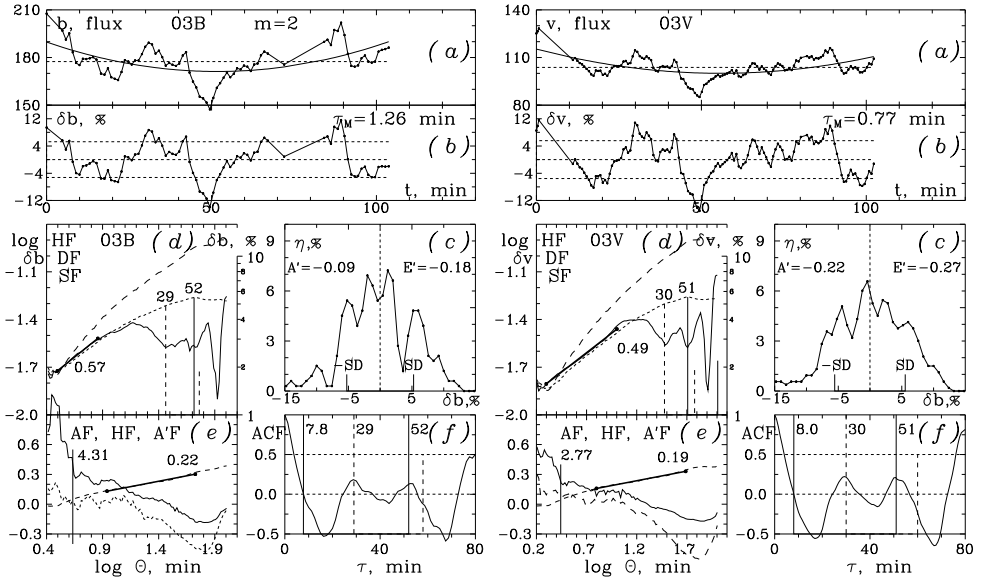

Fig. 3. 03B & 03V

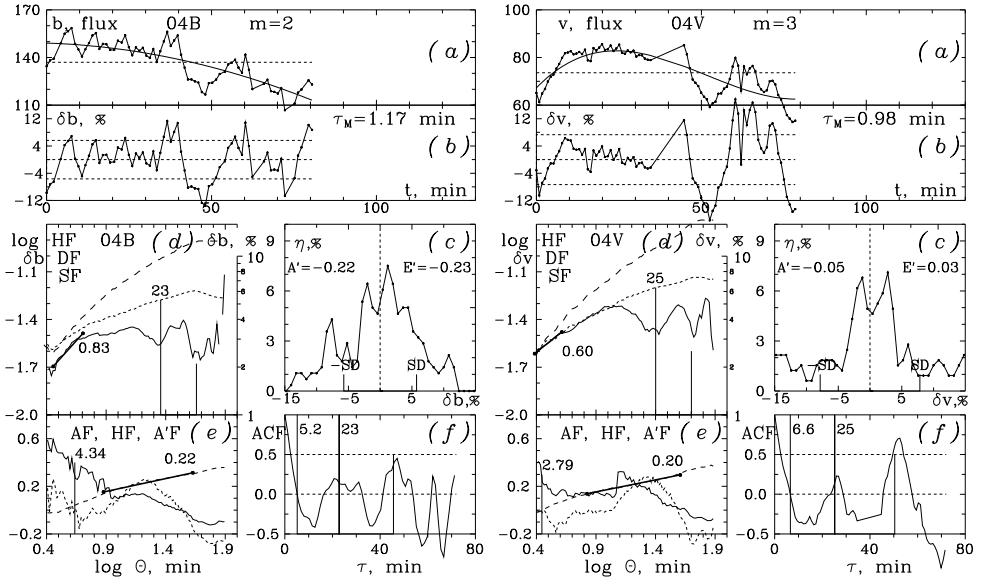

Fig. 4. 04B & 04V

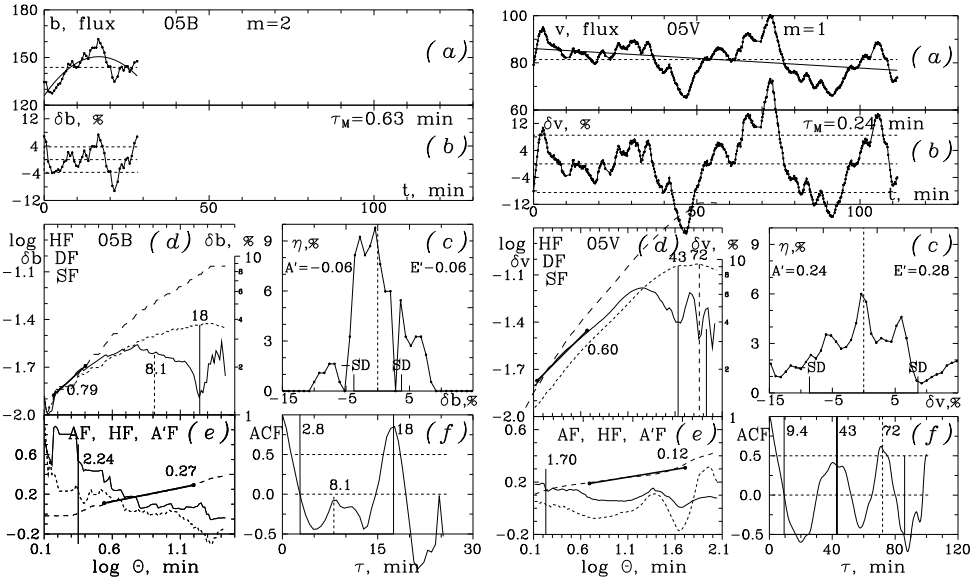

Fig. 5. 05B & 05V

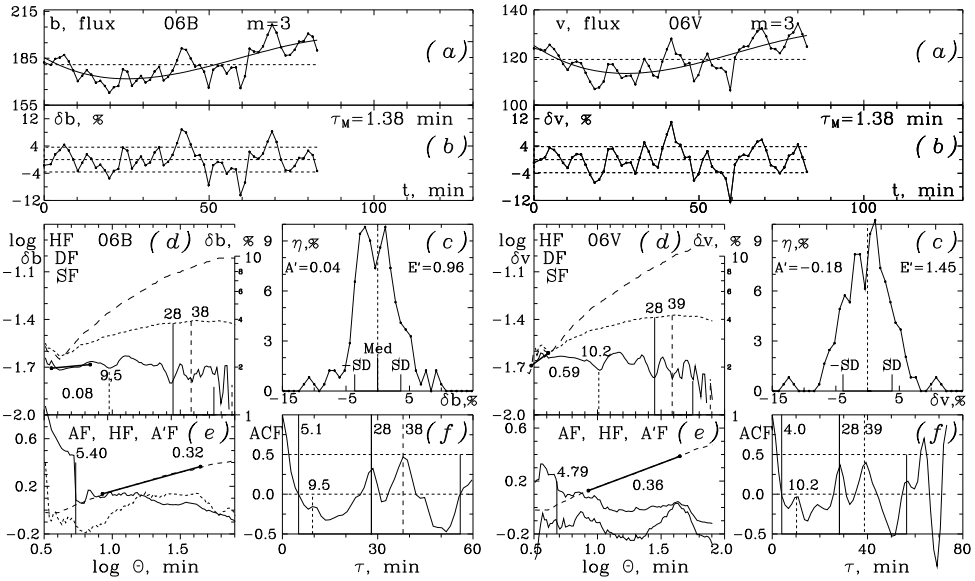

Fig. 6. 06B & 06V

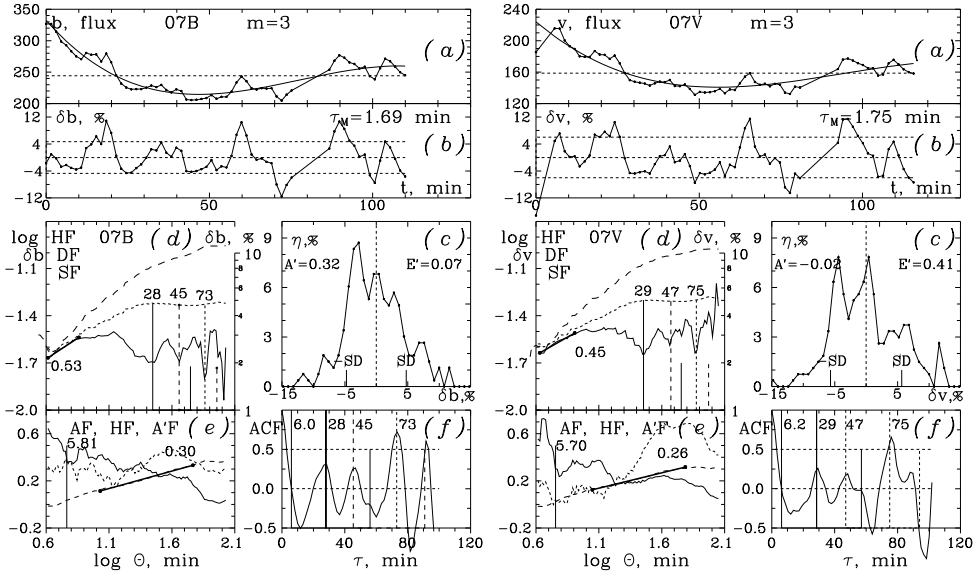

Fig. 7. 07B & 07V

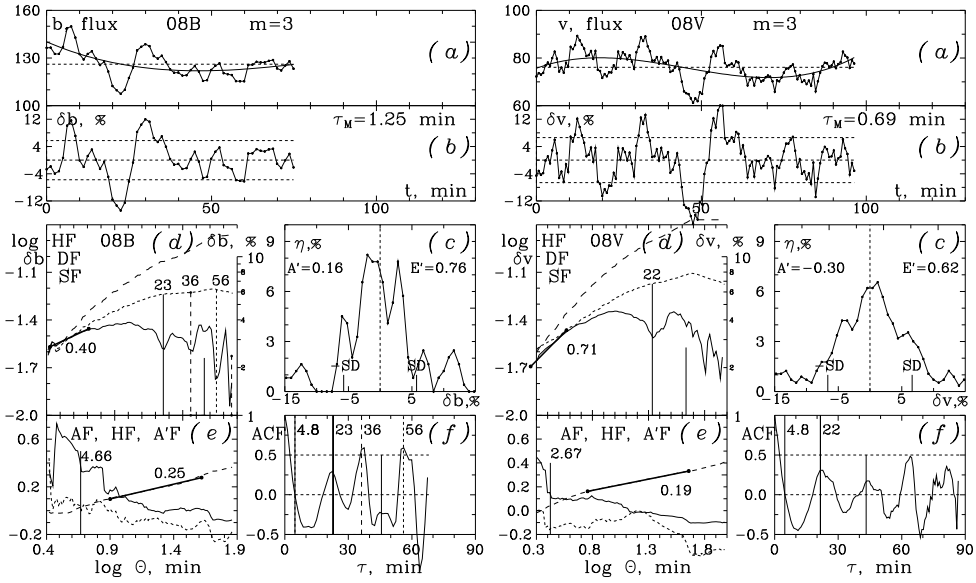

Fig. 8. 08B & 08V

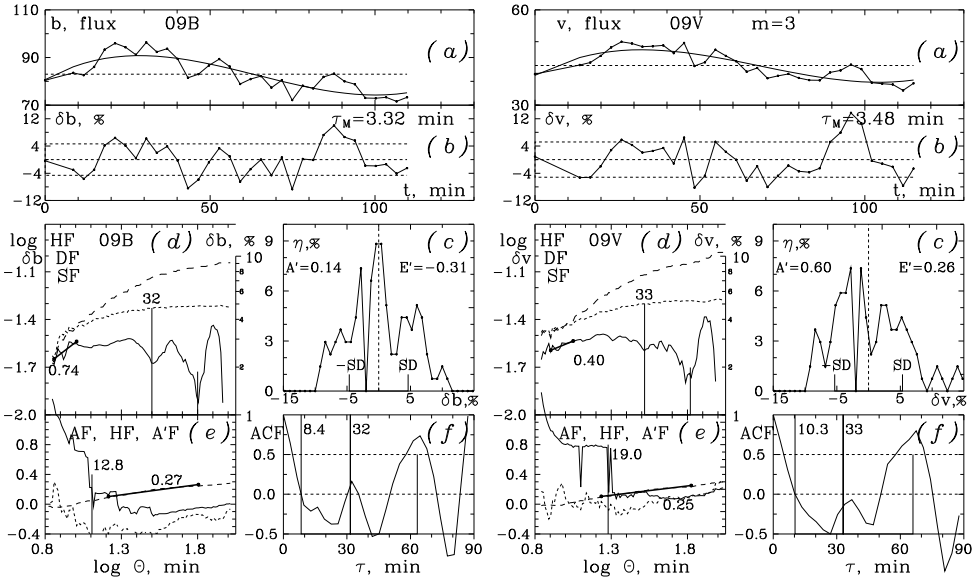

Fig. 9. 09B & 09V

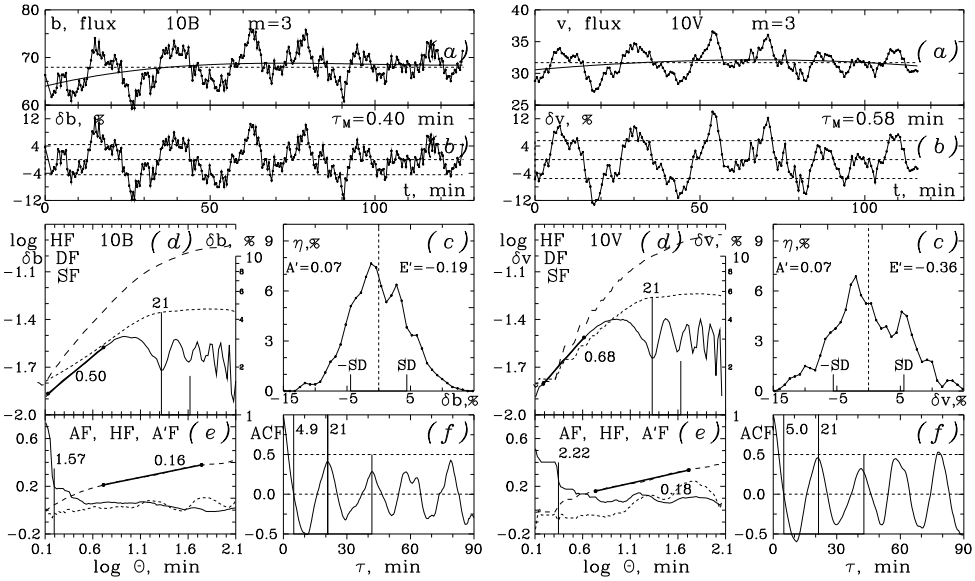

Fig. 10. 10B & 10V

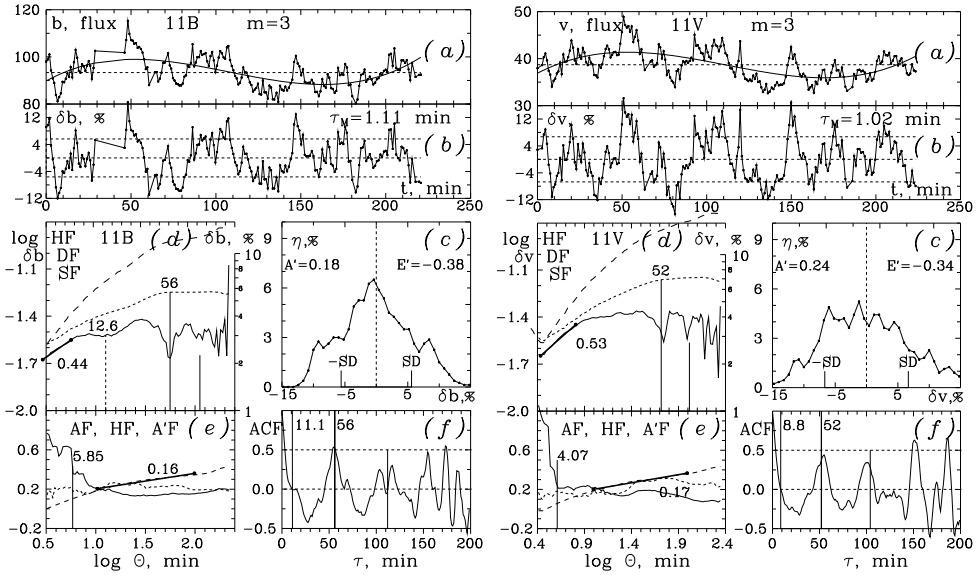

Fig. 11. 11B & 11V

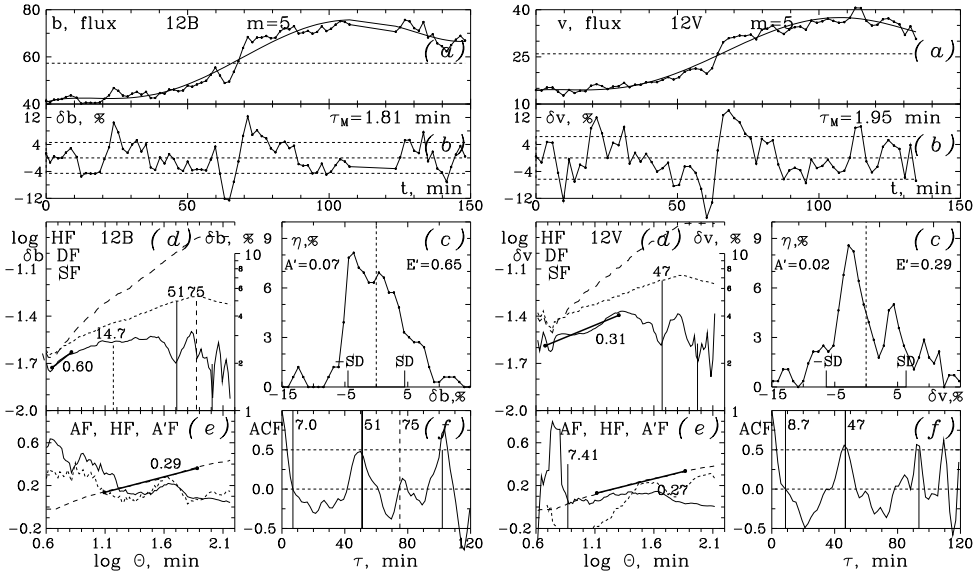

Fig. 12. 12B & 12V

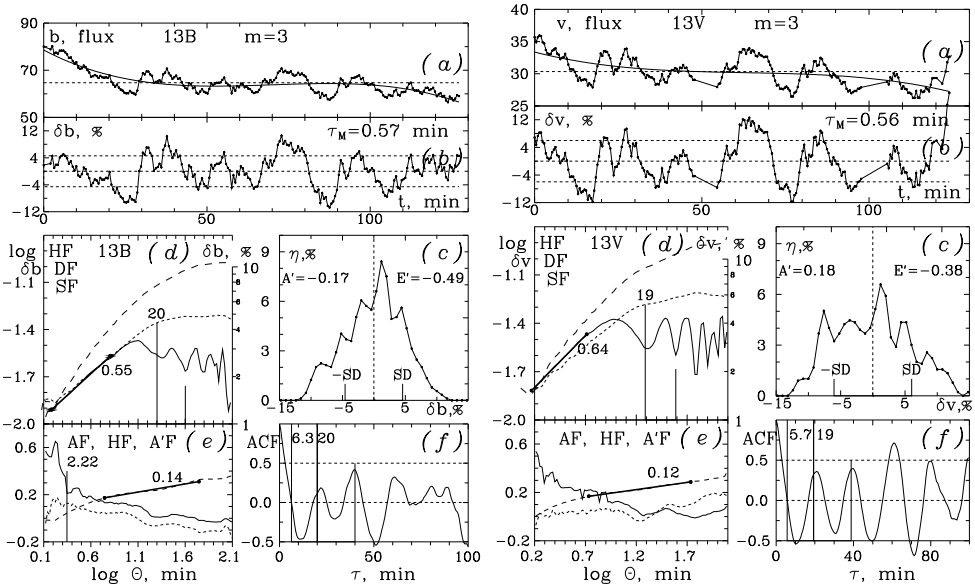

Fig. 13. 13B & 13V

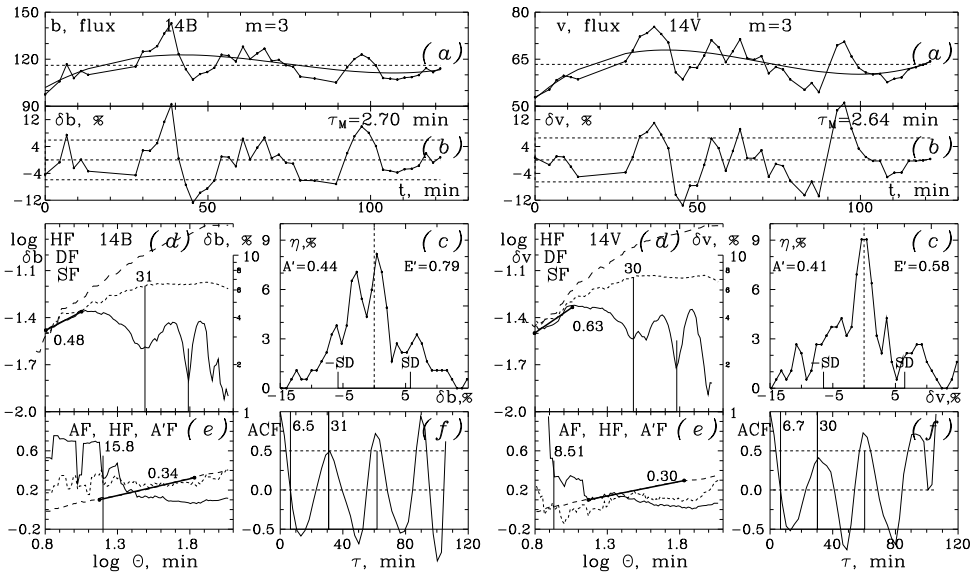

Fig. 14. 14B & 14V

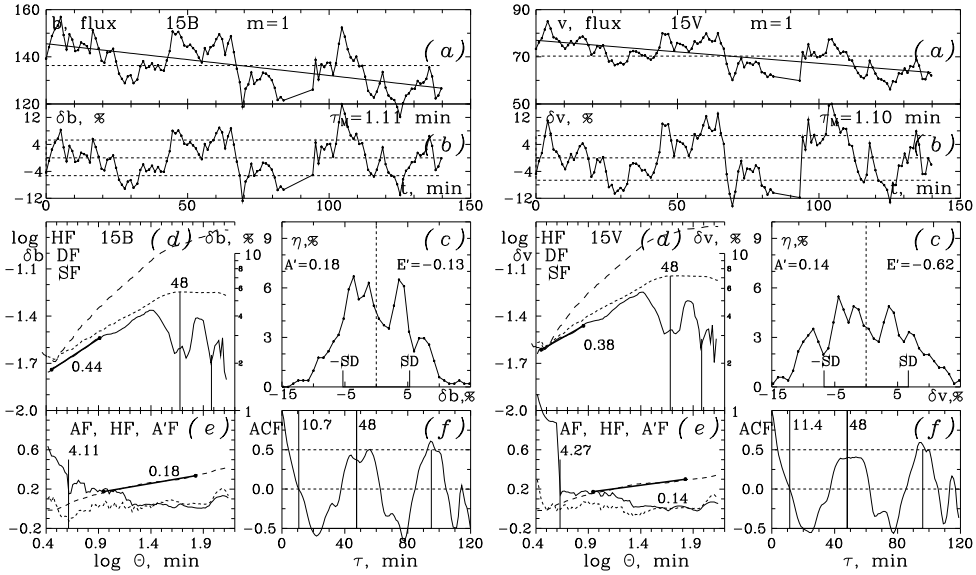

Fig. 15. 15B & 15V

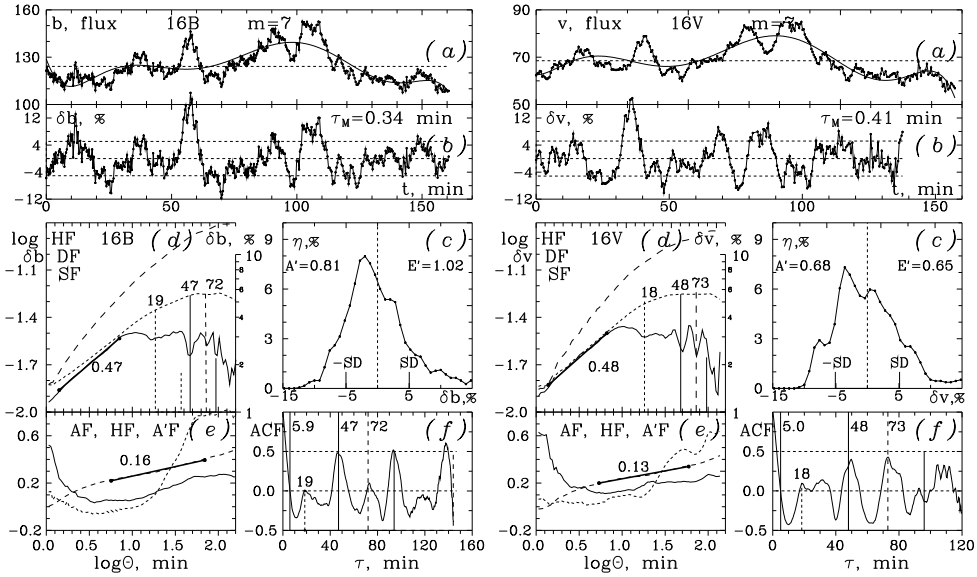

Fig. 16. 16B & 16V

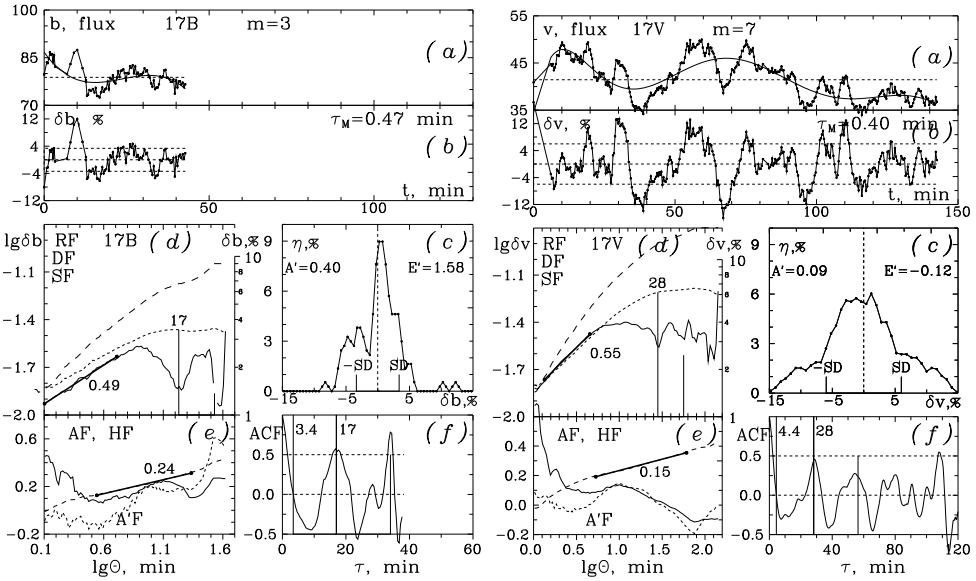

Fig. 17. 17B & 17V

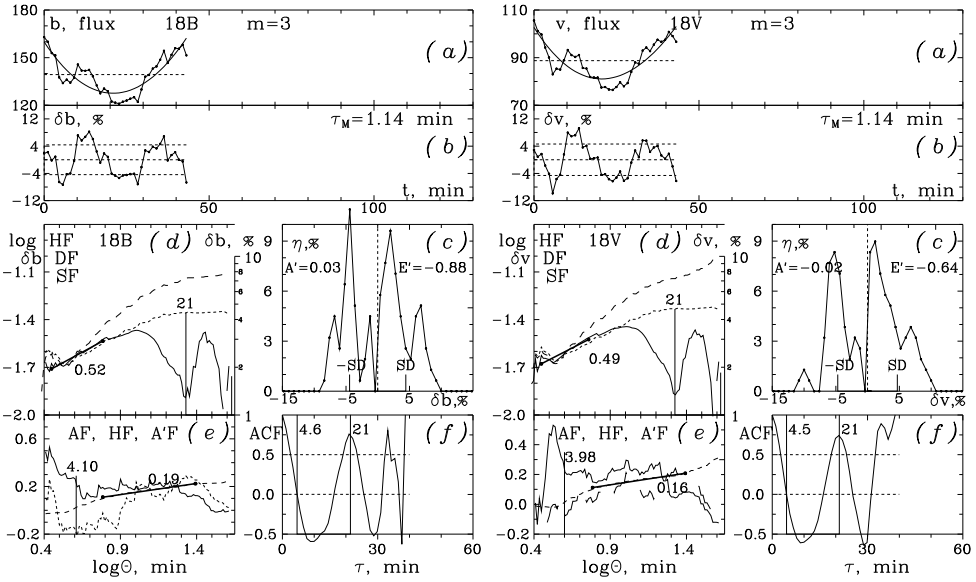

Fig. 18. 18B & 18V

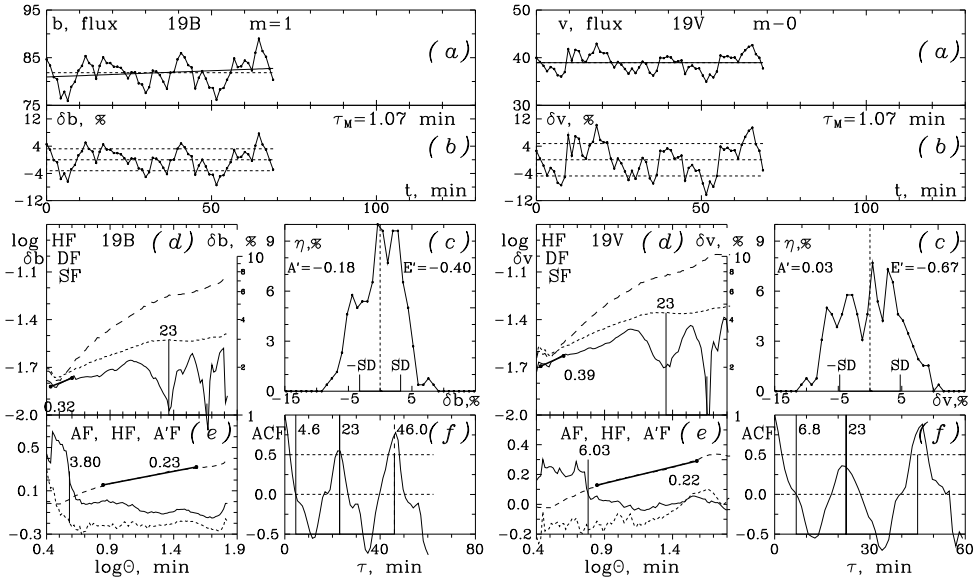

Fig. 19. 19B & 19V

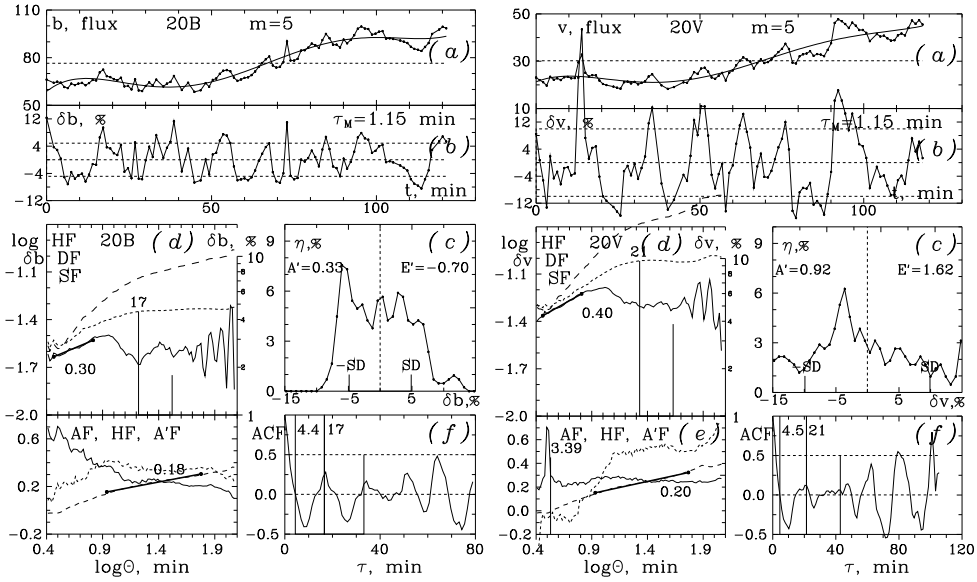

Fig. 20. 20B & 20V

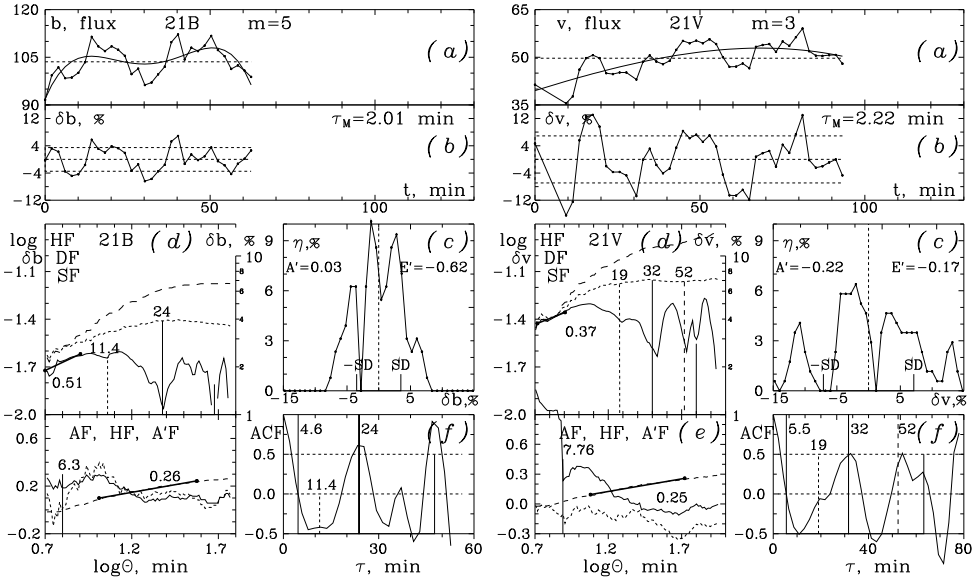

Fig. 21. 21B & 212V

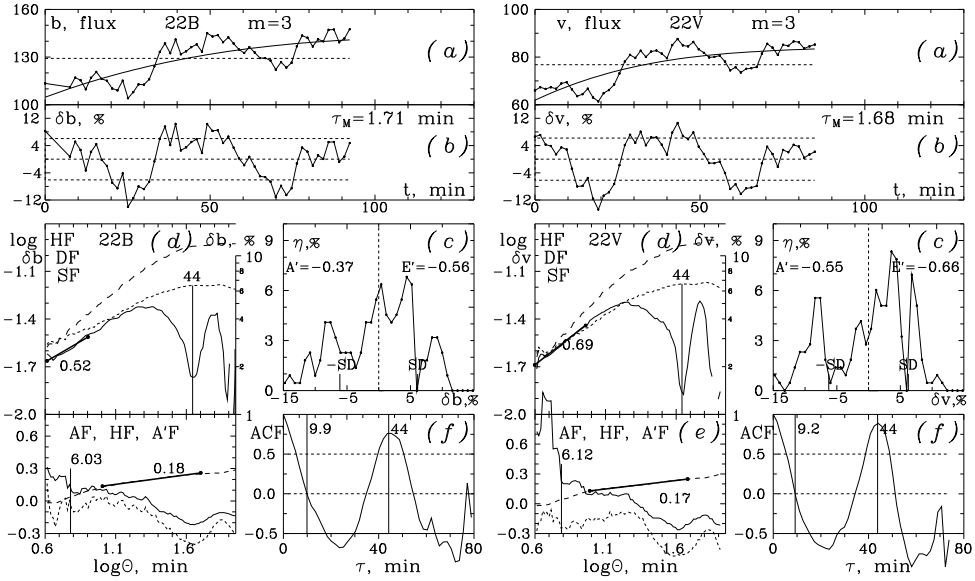

Fig. 22. 22B & 22V

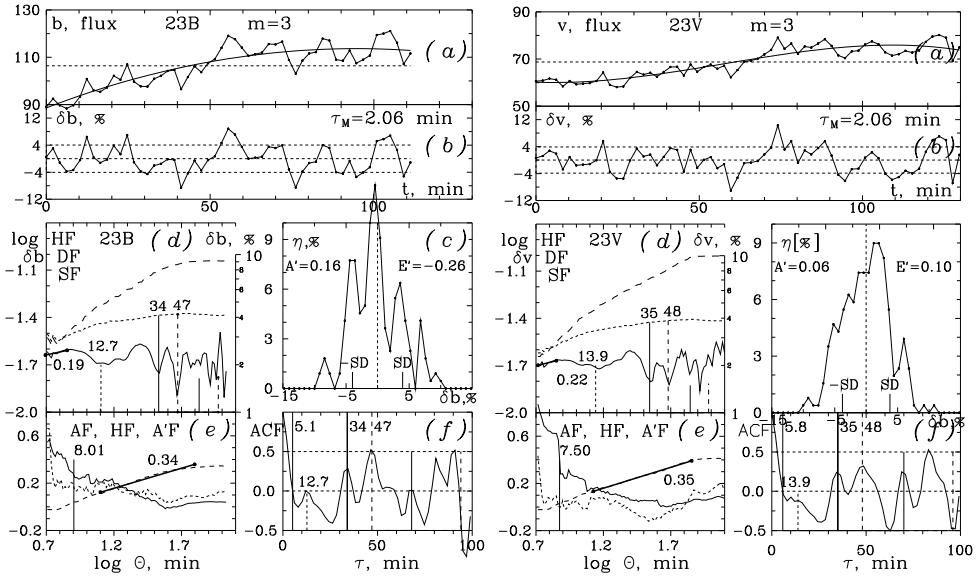

Fig. 23. 23B & 23V

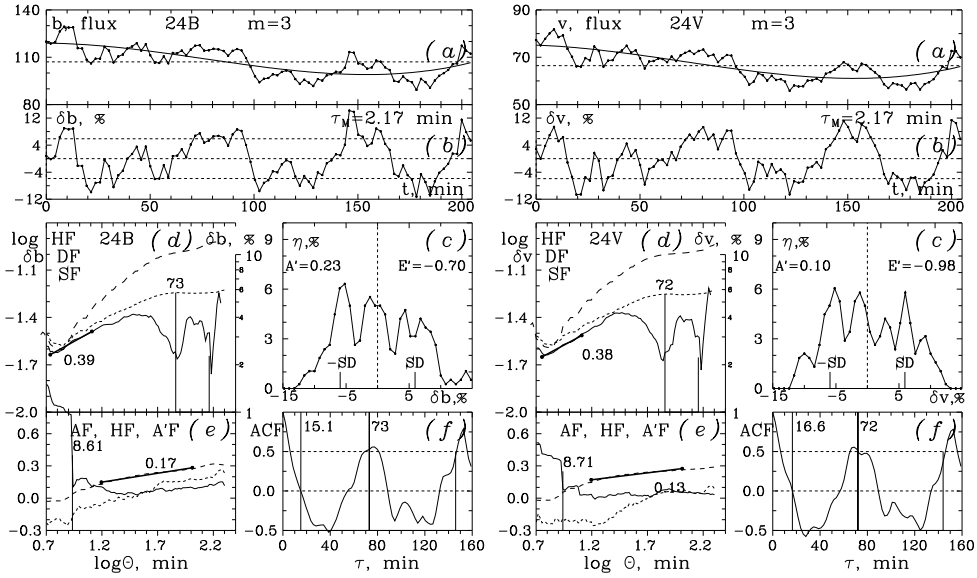

Fig. 24. 24B & 24V

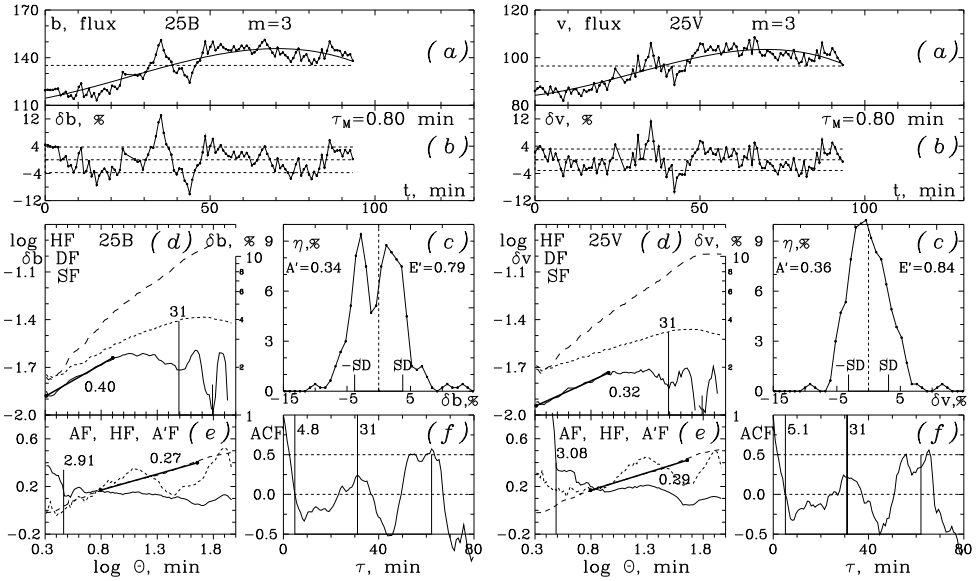

Fig. 25. 25B & 25V

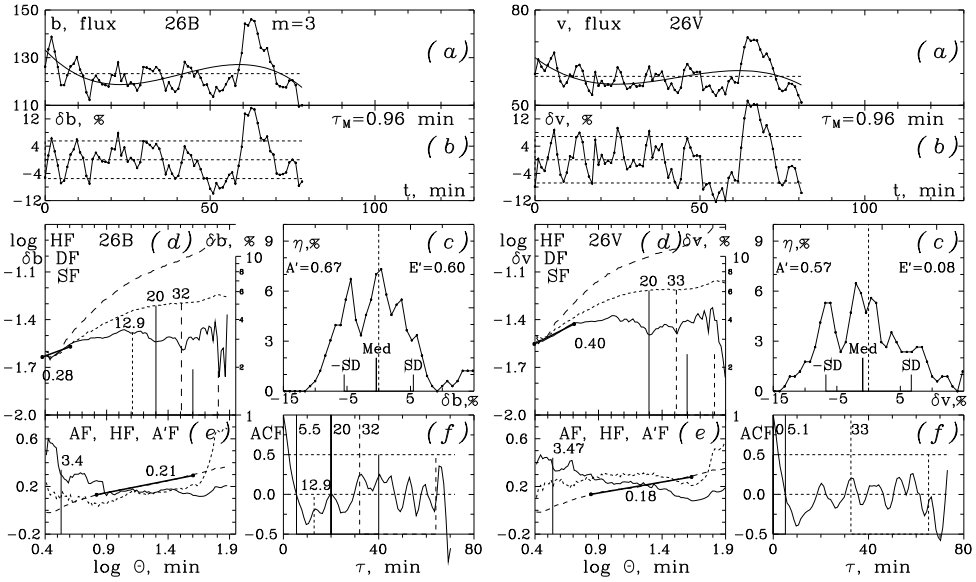

Fig. 26. 26B & 26V

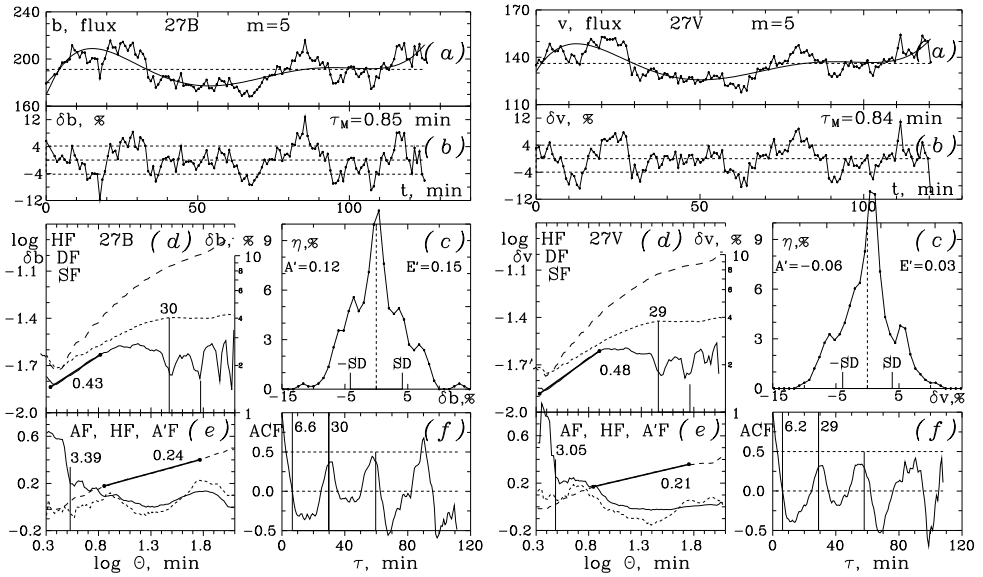

Fig. 27. 27B & 27V

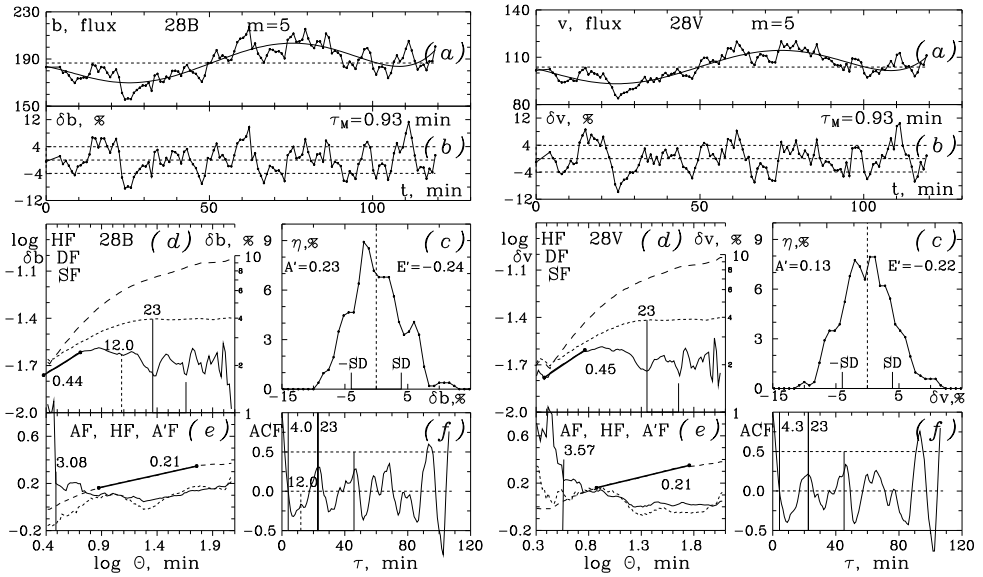

Fig. 28. 28B & 28V

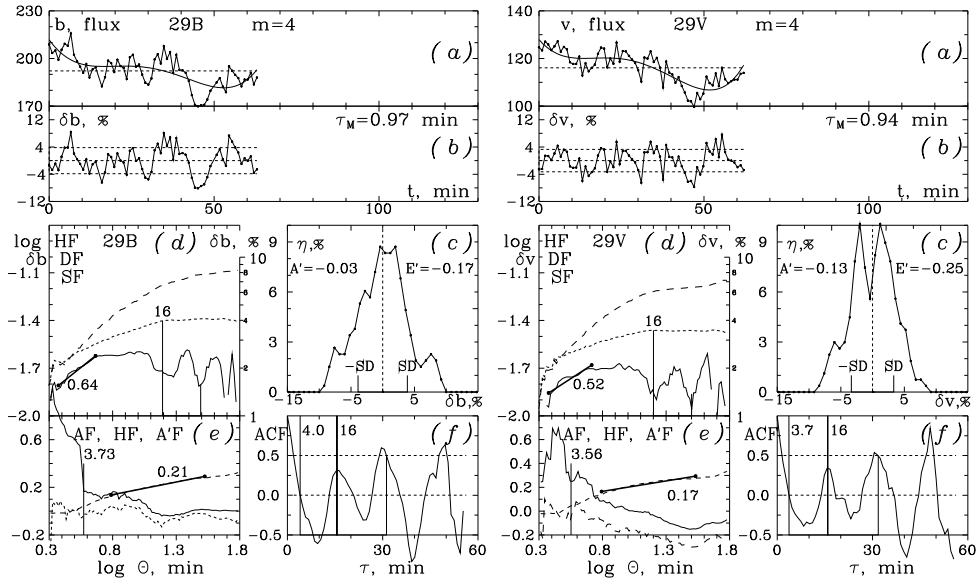

Fig. 29. 29B & 29V