6. Dynamic Structure in the Region near Onset of Transient Chaos

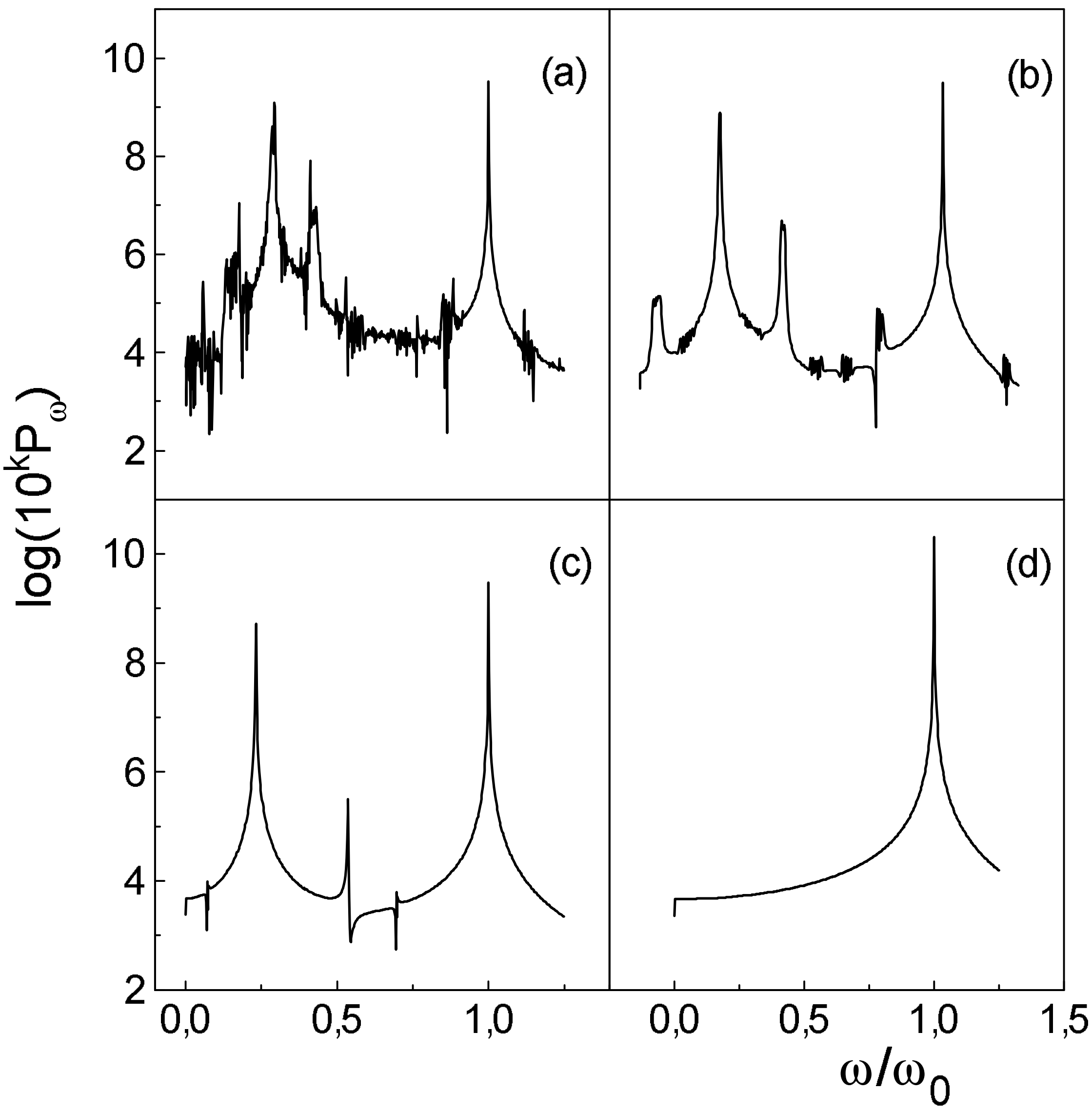

Fig. 9. Time evolution of the power spectrum for L=47.98 at the onset of transient chaos. Power spectra were calculated in the following time intervals: (a) t=0-546.13; (b) t=1000-1546.13; (c) t=5000-5546.13; (d) t=30000-30546.13.

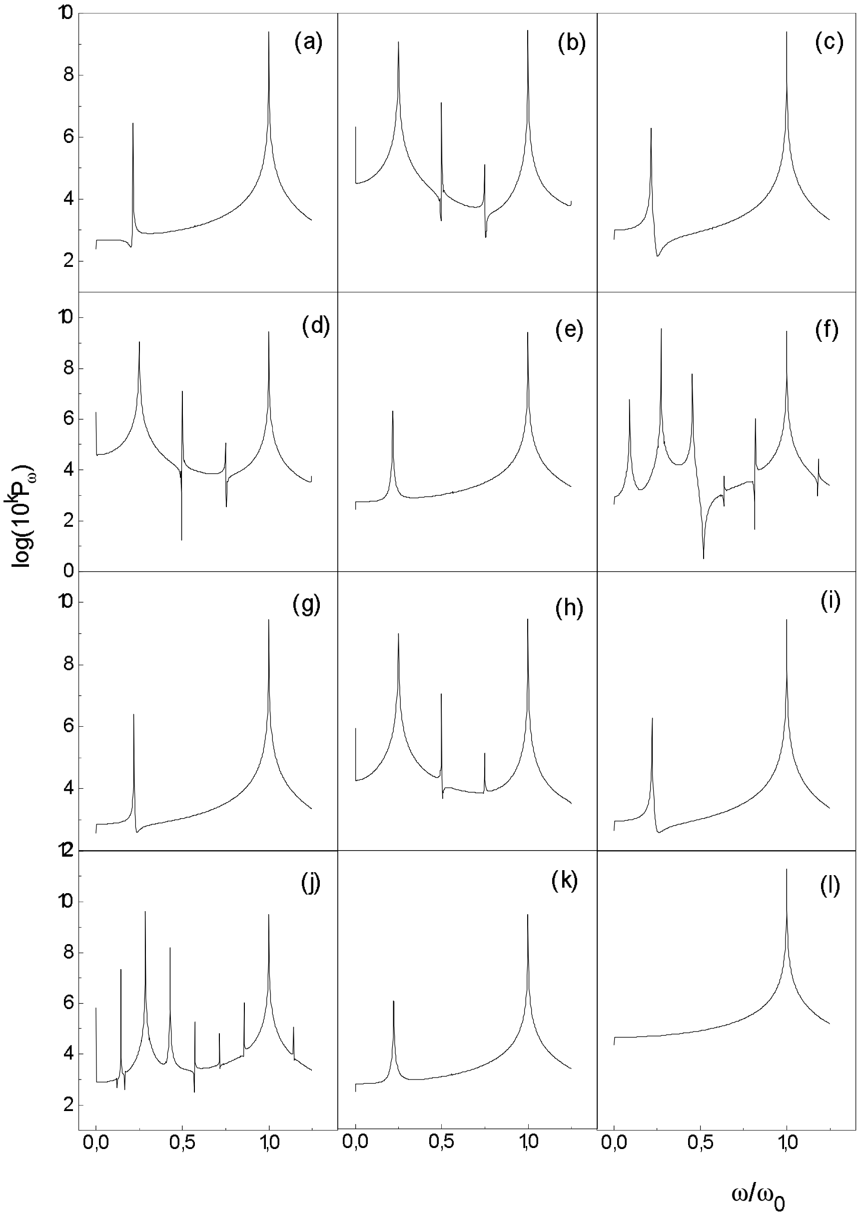

Fig.10. Power spectra for some values of control parameter near the region of the onset of transient chaos after the chaotic transients have died out, on the time interval t=20000-20546.13. (a) L=45.1 (qp); (b) L=45.2 (p-4); (c)L=45.3 (qp); (d) L=45.8 (p-4); (e) L=45.9 (qp); (f) L=46.4 (p-11); (g) L=46.9 (qp); (h) L=47.0 (p-4); (i) L=47.4 (qp); (j) L=47.5 (p-7); (k) L=48.0 (qp); (l) L=48.5 (p-1).