Coherent large-scale plasma structures in solar photosphere.

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The level of bright photospheric point density concentration on the quiet solar surface is not even. The distributions of it have some considerable particularities. This presentation is just dedicated to the research of the characteristic particularities during the time- interval of four last solar activity minima in Bartels longitudes. It was discovered, the bright photospheric point distributions on the equatorial and polar solar surface were a type of the sectoral- hemyspherical asymmetry picture. The levels of density distributions on it differ a lot, but have the tendency to alternate with frequency repetition in every 22 years. Phase origin of density concentrations is the first structural particularity of the photospheric point density distributions. The simultaneous appearance of bright regions on equatorial and polar solar surface in spatial antiphase keeping and, at the same time, the half-phase-shift (11 years) between polar and equatorial cycles - proves the synchronic (coherent) distribution process. The synchronization is the second important particularity of density concentrations. So, the large- scale plasma structure evolution on photosphere is going on according to the strict synchronized and coherent at solar diameter distance structures, like under control of the very "precise clock".