FREQUENCY OF DIGITIZATION

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These are my materials on studying of influence of frequency of digitization on stabilometric parametres.

Here you see kind change statokinezigramm at various frequency of digitization. I showed it in 2004 in Marseilles.



Really, change of frequency of digitization practically does not affect co-ordinates of the centre of pressure and upon the areas of ellipse SKG.



And dynamic parametres statokinezigramm essentially depend on frequency of digitization.





Thus, to the greatest degree frequency of digitization influences for angular speed and an index of dynamic stabilization, which considers angular speed. Possibly, it is necessary to agree simply all about use of identical frequency of

digitization, for example 40 Hz. A difference in indicators on frequencies of 40-50 Hz the small. Frequency use 100 Hz and above will lead to a superfluous file of initial data and increase in time of their mathematical processing.