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Key words: geodetic matching, image processing, electronic maps, binary mask, district reference point.

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Key words: fiber-optical linear path, optical signal to noise relation, stimulated Raman's scattering, wavelength division multiplexing, spectral channel,

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Key words: Bezier curves, base template, support points, support points tensors, the base element of CAD construction for textile industry, the mathematical model of textile production base template detail.

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Key words: integrated information environment, quality, productivity, technological system.

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Key words: mass-spectrometry, 3D ion trap, pulse rf signal "EC-signal", resolution.

One of sampling procedures of the unbalanced pulse rf signal "EC-signal" impulse duration used for electrodes power supply of the axially symmetric ion trap is observed. This procedure allows to optimize a traditional operating mode of mass selective storage of the axially symmetric ion trap close to the overhead apex of the first common band of the stability diagram. As an optimisation parameter the resolution modification rate of the instrument at the working straight line slope tangent modification has been chosen. The received results let us choose the unbalanced pulse rf signal "EC-signal" impulses duration minimizing the given parameter..... 78

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Key words: reed-relay, contact surface, transient processes, microarc, gaseous discharge gap.

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Key words: generating installation, the relay-regulator, an onboard network of the car, system of automatic control, the terminator of a current, a regulator of a

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