ELABORATION OF THE MATHEMATIC MODEL OF CALCULATING GEOMETRIC CHARACTERISTICS OF A LAYER OF CRUSHED VEGETABLE MATERIALS MIXTURE

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The article presents the results of research work on finding out the interdependence between the dynamic separation of the working apparatus (machine), statistic separation and the degree of filling the apparatus (machine). The final mathematic model of calculating separation - an important hydrodynamic parameter of a layer of vegetable material while extra gent is being filtrated through it. The authors worked out a universal method of defining hydrodynamic characteristics of a layer of material which can be applied to any vegetable materials and their mixtures worked up as required.