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**THE PREDICTION METHOD OF TENSELY-DEFORMED STATE OF
MAIN FRAME OF MOTOR-GRADER**

The mathematic model of forming of the tensely-deformed state of main frame of motor-grader is presented. Conformities to the law of change of tensions are set and operate in the basic frame of motor-grader during the making of work operations.

Keywords: *motor-grader, mathematic model, metal structure, main frame, tensions.*