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## FEATURES OF THE DESCRIPTION OF MINING DUMP TRUCK TRAJECTORIES USING WAVELET TRANSFORMS

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### ABSTRACT

The paper proposes a method to describe the dynamic behavior of unmanned mining dump trucks. The study presents the order of formation of spline-frames of the routes of unmanned dump trucks and analyzes the principle of dynamic modal control. The presented method allows using the mathematical apparatus of wavelet transforms to create trajectory control systems.

**Keywords:** unmanned aerial vehicle, spline-frame route, mapping.