Among the methods of formal semantics for natural languages [2], interval semantics is used for the formalization of the concepts of tense and aspect of verb forms in sentences, as well as for expressing differences between proper and improper speech [1]. The time scale corresponds to the axis of the real numbers. The basic verbal constructions of natural languages (Russian, English, German, etc.) in interval semantics are expressed by first-order logic formulas over the field of reals.

We apply the methods of effective interpretability over the reals together with the methods of interval semantics for verb constructions for analyzing sentences in Russian.
