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Êëþ÷åâûå ñëîâà: ðàäèîàêòèâíîå çàãðÿçíåíèå, ðå÷íàÿ ñèñòåìà, ìåòîä îïòèìèçàöèè.

**The Method of Estimation of the Sources of Radioactive Pollution of the River System**

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Abstract. We offer a method of assessing sources of radioactive pollution of the river system, if a measurement of water impossible.

Key words: radioactive pollution, river system, optimization method.