

## **Spatially resolved atomic absorption spectrometry**

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### **Abstract**

The review provides an overview of the main steps of development of spatially resolved atomic absorption spectrometry. The results of research on the dynamics of spatial distributions of atoms, molecules, condensed nanoparticles, temperature fields in atomisers and the transmitted radiation intensity are generalised. The influence of spatial inhomogeneities on the formation of absorption signals is considered. The advantages of spatially resolved atomic absorption spectrometry are illustrated with examples. The bibliography includes 82 references.

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