Laser gas analysis for multicomponent gas mixtures with components without peaks in absorption spectra

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The paper describes the problem of gas reconstruction from multispectral laser measurements by using projective method of solution system of laser gas analysis equations for multicomponent gas mixtures with verolapping gas absorption spectra and components without peaks in absorption spectra. Using of projective method has been shown to efficiently solve the problem of gas reconstruction for multicomponent gas mixtures with components without peaks in absorption spectra.

Keywords: *laser, gas analysis, multicomponent gas mixtures, projective method.*

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