

Applications of infrared FPA and optoelectronic systems based on them

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Applications infrared FPA and based on them optoelectronic systems for short-wave, medium-wave and long-wave IR ranges in this article were discusses. The optoelectronic system operation scheme and comparison infrared spectral ranges comparison and solved tasks were given. Current technical level of FPA's and their requirements for solving various tasks are presented.

Keywords: IR range, IR FPA, optical-electronic systems, lens.

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