Chapter 5 IR-Sensors and Detectors of Irradiation Based on Metal Folis



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Abstract It is proposed the simultaneous methods of treatment and control of potentially dangerous objects. Those methods are based on the prophylaxis irradiation and post irradiation IR-control.

Keywords Radiation processing \cdot Plastic explosive \cdot Viruses \cdot Low-contrast objects \cdot Radiation – Induced heating

5.1 Introduction

One of the reasons of the modern world vulnerability is high organization and mass character of its industrial, commodity and transport lines. Unfortunately one of the most unsafely items is mail because of the following reasons: high speed of delivery, integration into the WorldNet, the sender's actual anonymity, and identification of the addressee. To possible minuses of this channel usage for mailing items of provocative character is their restricted carrying capacity, therefore the subject of dangerous immersions can be, as it is already known, bacteria and viruses culture or plastic explosive, that took place even before the peak of terrorist activity.

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