

## 实验标定正比计数管的探测效率

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**摘要** 本工作测量了自制的正比计数管对Mn,Sr和Ag的特征X射线的探测效率,并与理论计算值作了比较,符合较好。

**关键词** [实验标定](#) [探测效率](#)

分类号

## CALIBRATION OF DETECTION EFFICIENCY OF PROPORTIONAL COUNTER FOR X-RAY

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**Abstract** This paper deals with a method of experimentally calibrating the detection efficiency for X-ray. Radioisotopes were used as calibration X-ray sources. The characteristic X-ray emitted from the radioisotopes was neither diffraction nor filter. Detection efficiencies of the proportional counter for two different energy X-ray were simultaneously obtained in one measurement with proper treatment.

**Key words** [Experimental calibration](#) [Detector efficiency](#)

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