PALACKÝ UNIVERSITY OLOMOUC
FACULTY OF SCIENCE
JOINT LABORATORY OF OPTICS

BACHELOR THESIS

Calibration and monitoring of astroparticle telescopes

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Study program:	B0533A110007 Applied Physics
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Form of study:	Full-time
Supervisor:	Ing. Ladislav Chytka, Ph.D.
Deadline:	April 2022

DECLARATION

I hereby declare that I elaborated this bachelor thesis independently under the supervision of Ing. Ladislav Chytka, Ph.D., using only information sources referred in the Literature chapter.

In Olomouc August 20, 2021

....

Daniel Staník

Bibliographical identification

Autor's first name and surname	Daniel Staník
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Department	Joint Laboratory of Optics
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Abstract	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur et lectus sit amet lectus vestibulum dignissim. Cras sit amet enim vitae mi elementum blandit eget nec tortor. Curabitur eget eros vitae arcu luctus varius commodo vel mauris. Nam elementum convallis pretium. Nunc dignissim pulvinar urna, nec blandit ante fringilla at. Ut et magna purus, vel pellentesque massa. In tortor nisi, faucibus condimentum cursus ut, sollicitudin quis leo. Ut at purus nec arcu accumsan tincidunt id id massa. Nam id vehicula mi.
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Abstrakt	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur et lectus sit amet lectus vestibulum dignissim. Cras sit amet enim vitae mi elementum blandit eget nec tortor. Curabitur eget eros vitae arcu luctus varius commodo vel mauris. Nam elementum convallis pretium. Nunc dignissim pulvinar urna, nec blandit ante fringilla at. Ut et magna purus, vel pellentesque massa. In tortor nisi, faucibus condimentum cursus ut, sollicitudin quis leo. Ut at purus nec arcu accumsan tincidunt id id massa. Nam id vehicula mi.
Klíčová slova	klíčové slovo 1, klíčové slovo 2, ...
Počet stran	xx
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Introduction

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Chapter 1

Název kapitoly

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1.1 Název podkapitoly

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$$\tag{1.1}$$

Podle rovnice (1.1), jak je uvedeno v [**?**].

1.2 Název další podkapitoly

Další příklady matematické sazby:

$$a_1 = b_1 + c_1 \tag{1.2}$$

$$a_2 = b_2 + c_2 - d_2 + e_2 \tag{1.3}$$

...

$$a_{11} = b_{11} \qquad a_{12} = b_{12} \tag{1.4}$$

$$a_{21} = b_{21} \qquad a_{22} = b_{22} + c_{22} \tag{1.5}$$

...

$$a = b + c \tag{1.6}$$

...

$$a = b + c \tag{1.7a}$$
$$d = e + f + g \tag{1.7b}$$
$$h = i + j \tag{1.7c}$$

...z rovnice (1.7a)

$$A_\infty + \pi A_0 \sim \mathbf{A_\infty} + \boldsymbol{\pi} \mathbf{A_0} \sim \boldsymbol{A_\infty} + \boldsymbol{\pi A_0}$$

...

$$\begin{pmatrix} \alpha & \beta^* \\ \gamma^* & \delta \end{pmatrix} \qquad P_{r-j} = \begin{cases} 0 & \text{když } r - j \text{ je liché,} \\ r! \, (-1)^{(r-j)/2} & \text{když } r - j \text{ je sudé.} \end{cases}$$

...

$$\Re z = \frac{n\pi \dfrac{\theta + \psi}{2}}{\left(\dfrac{\theta + \psi}{2}\right)^2 + \left(\dfrac{1}{2} \log \left|\dfrac{B}{A}\right|\right)^2}. \tag{1.8}$$

Conclusion

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