

INTRODUCTION

B

egins

1.1 Section

Definition 1.1. A monomial in x_1, \dots, x_n is a product of the form $x^\alpha = x_1^{\alpha_1} \cdots x_n^{\alpha_n}$ where $\alpha = (\alpha_1, \dots, \alpha_n)$ is an n -tuple of non negative integers referred as a multiindex. The total degree of this monomial is denoted by $|\alpha|$ and simply defined as $|\alpha| = \sum_{i=1}^n \alpha_i$.

Hello

1.1.1 Subsection

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$x^\alpha, 1$