
SAMPLE NOTES

MCGILL UNIVERSITY

NICHOLAS HAYEK

Based on lectures by The Wiggles

CONTENTS

I	Introduction	3
	<u>The Meaning of Life</u>	3
	Let's Talk About It	3

I Introduction

THE MEANING OF LIFE

$$\mathbb{P}\left(\bigcup_{i=1}^n A_i\right) = \sum_{k=1}^n (-1)^{k-1} \underbrace{\sum \mathbb{P}(A_{i_1} A_{i_2} \dots A_{i_k})}_{1 \leq i_1 < i_2 < \dots < i_k \leq n}$$

Let's Talk About It