

# Contents

Introduction	1
A century of controversy over the foundations of mathematics (Lecture)	5
How to be a mathematician (TV interview)	41
The creative life: science vs. art (Interview)	51
Algorithmic information theory & the foundations of mathematics (Lecture)	73
Randomness in arithmetic (TV interview)	91
The reason for my life (Interview)	95
Undecidability & randomness in pure mathematics (Lecture)	113
Math, science & fantasy (Interview)	127
Sensual mathematics (TV interview)	143
Final thoughts	155
Recommended further reading	157