
CONTENTS

Preface	Vice Director : Mitsuteru TAGAWA	
GUI programing using Python(3) - test widget-	Kenji ARISAWA	1
Some problems about introduction of new subject "Information" in junior- and senior high-school and it's teaching certificate	Akira OTA	57
Teacher Training for the High School New Subject "Information Study"	Syouji RYOU	69
Introduction to the cryptography	Yoshiki HAYASHI	83
