

CONTENTS

	INTRODUCTION.....	iv
B5.1	GAS CHROMATOGRAPHY Donald B. Wilson	1
B5.2	PERCOLATION THEORY I—BASIC PRINCIPLES A. E. Rodrigues	7
B5.3	PERCOLATION THEORY II—MODELING AND DESIGN OF PERCOLATION COLUMNS A. E. Rodrigues	15
B5.4	ION EXCHANGE A. E. Rodrigues	25
B5.5	ADSORPTION Ihab H. Farag	34
B5.6	INTERPHASE MASS TRANSFER: INDIVIDUAL AND OVERALL MASS TRANSFER COEFFICIENTS Ihab H. Farag	43
B5.7	USE OF K's, HTU's AND NTU's IN THE DESIGN OF GAS ABSORBERS I—DESIGN CONSIDERATIONS Ihab H. Farag	50
B5.8	USE OF K's, HTU's AND NTU's IN THE DESIGN OF GAS ABSORBERS II—MASS TRANSFER ASPECTS Ihab H. Farag	58
	APPENDIX: SOLUTIONS TO THE STUDY PROBLEMS.....	68

Solutions to the Homework Problems are available as a separate reprint from the AIChE Educational Services Dept., 345 East 46th St., New York, NY 10017. The cost is \$5.00.