

# Contents

<i>Preface</i>	7
Chapter 1 Large signal characteristics, parameters, and equivalent circuits for junction transistors	1
2 Small signal characteristics, parameters and equivalent circuits for junction transistors	28
3 Small signal amplifier stages	49
4 Output stages	68
5 Noise	161
6 Negative feedback	183
7 Stabilisation of operating conditions and thermal stability	207
8 Direct-coupled audio amplifiers	229
9 Distortion due to non-linearity and 'acoustic roughness'	252
10 Methods of measurements	272
11 Amplifiers for high quality sound reproduction	277
12 Amplifiers for public address systems	328
13 Amplifiers for radios and radiograms	334
14 Circuits for tape recorders	347
15 Amplifiers for hearing aids	380
16 Power supplies	392
17 Future trends	398
<i>Index</i>	401