Contents

Part One

Part Two
Basic Technical

Patterns

The Determining Factors in Piano Technique

Preface ix
The nature of technique — conscious practicing — fatigue and ailments — the mastery of motion patterns — motion and emotion
Chapter 1: Music, Motions and Emotions 3
Modification of sound and human emotions — composer, performer, listener — coordination, independence, and interdependence — force of gravity and the muscles — pressure, weight, and stress — tone quality
Chapter 2: The Plano
The most complete instrument — forerunners of the piano — transcriptions and ornamentation — the hand's reach — sound production — volume and tone quality
Chapter 3: The Human Performing Mechanism
Coordination of the small and large muscles — extensors, flexors, biceps, and triceps — fingers, hand, forearm, and upper arm — the shoulder — torso, back and chest muscles, and the diaphragm — sitting positions — the feet and the bench
Chapter 4: Free Fall 10 10 10 10 10 10 10 10 10 10 10 10 10
Gravity and our muscles — the role of weight — lifting, drop, landing, and rebound — guidelines, exercises, and examples

Anatomy of the forearm — pronation and supination — axial rotation — fingers, forearm, and elbow — lateral motions — guidelines, exercises, and examples

Anatomy of the fingers and thumb — horizontal and vertical adjusting motions — use of the thumb — the upper arm and the body — shifting in arpeggios — note groupings and legato — use of the damper — phrase endings — quidelines,

52

79

Chapter 5: Five-Fingers, Scales, and Arpeggios

exercises, and examples

Chapter 6: Rotation

Chapter 7: Staccato

93

The "wrist" staccato — roles of the fingers, hand, forearm, and upper arm — lift and rebound — white and black keys — staccato and legato octaves — guidelines, exercises, and examples

Chapter 8: Thrust

108

Thrust versus free fall — when to use thrust — guidelines, exercises, and examples

Chapter 9: Summary of the Basic Technical Patterns

115

Five motion patterns and the score — the slur as modifier of technique — the wrist and phrasing — variety in the application of staccato — the trill

Part ThreeTechnique Becomes Music

Chapter 10: Identification and Application of the Basic Technical Patterns

141

Symbols for the five basic motions; wrist positions and touch forms — skill and artistry — how to play the exposition of Beethoven's "Waldstein" Sonata — a variant of a familiar basic motion

Chapter 11: Independence and Interdependence

155

The goal: coordination, not muscle building — the principal adjusting motions — active and passive motions — finger exercises — the human warning system

Chapter 12: The Pedals

161

Evolution of the pedal — pedal nomenclature — uses of the three pedals — pedal markings — partial pedals and the pedal tremolo — the pedal in Baroque and pre-Baroque music — combining pedals — the ear as master

Chapter 13: Singing Tone

179

The expressive capability of the piano — the role of the equipment — cushioning or pressure — the piano as "love object" — the shoulders and the role of weight

Chapter 14: Practicing

183

Mechanical versus conscious practicing — varying rhythmic patterns — slow practice — metrically uneven practice — the conscious, subconscious, and automatic centers — creativity — mental practice

Chapter 15: Memorization

192

Why memorize? — when to memorize — visual, acoustic, motoric, and intellectual memory — memory slips

Chapter 16: Musical Diction

198

The language of music — upbeats and downbeats — means of emphasis — flexibility — crescendos — the "negative" emphasis" — ornamental passages — appoggiaturas and grace notes — ritardando and accelerando — the intangibles — tension and release — the piano as orchestra — the human voice — singing tone at any cost? — rubato — the fermata — slurs — national and regional characteristics

Chapter 17: Public Performance

220

Performance: the ultimate issue — the performer as teacher — the expected and the unexpected at concerts — physiological and psychological factors — establishing the right tempo — the telling pause: on stage and in the recording studio — criteria for recordings versus live performances — the audiovisual film

Chapter 18: Mannerisms and Excess Energy

227

Mannerisms: manifestations of excess energy as a gauge of a well- or malfunctioning technique — spontaneous and cultivated mannerisms — "showmanship" — the value of slow, flexible movements — a mannerism sampler — "yes-yes" and "no-no" — walking on and off stage — beware of excess energyl

Index

231