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Practical Method for the Violoncello

(Practischer Lehrgang des Violoncellspiels)

by

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Part I

Exercises on the Open Strings

Band I

Übungen auf den leeren Saiten

▣ Down bow (*Herunterstrich*)

V Up bow (*Hinaufstrich*)

0 Open string (*Leere Saite*)

1

a) A D G C

b)

c)

d) e)

f)

g) h)

i) k) l)

m)

Detailed description: This section contains ten musical staves for exercises on open strings. Staff 1 (a) shows a sequence of notes on the open strings: A (down bow), D (up bow), G (down bow), C (up bow), and then a series of eighth notes on the same strings. Staves 2-10 (b-m) show various rhythmic patterns and bowing techniques, including slurs and accents, across the open strings.

The Placing of the First Finger

Das Aufsetzen des ersten Fingers

2

a) 0 1 1 0 b) 0 1

c) 0 1 d) 0 1

Detailed description: This section contains four musical staves for exercises on the first finger. Staves 1-2 (a-b) show the first finger (1) placed on the open strings A and D, with bowing directions indicated. Staves 3-4 (c-d) show similar exercises for the first finger on the strings G and C.

The Placing of the First and Second Fingers

Das Aufsetzen des ersten und zweiten Fingers

3/4 time signature exercises. The first line contains two measures: a) 0, 1, 2, 1 and b) 0, 1, 2. The second line contains two measures: c) 0, 1, 2 and d) 0, 1, 2, 1. Each measure is followed by a repeat sign and a fermata over the final note.

The Placing of the First and Third Fingers

Das Aufsetzen des ersten und dritten Fingers

4/4 time signature exercises. The first line contains two measures: a) 0, 1, 3 and b) 0, 1, 3. The second line contains two measures: c) 0, 1, 3 and d) 0, 1, 3, 1. Each measure is followed by a repeat sign and a fermata over the final note.

The Placing of the Fourth Finger
In combination with the preceding exercises

*Das Aufsetzen des vierten Fingers
In Verbindung mit dem Vorhergehenden*

5/4 time signature exercises. The first line contains two measures: a) 0, 1, 2, 4 and b) 0, 1, 2. The second line contains two measures: c) 0, 1, 2, 4 and d) 0, 1, 2, 4. The third line contains two measures: e) 0, 1, 3, 4 and f) 0, 1, 3, 4. The fourth line contains two measures: g) 0, 1 and h) 0, 1, 3, 4. Each measure is followed by a repeat sign and a fermata over the final note.

Exercises on the A String

With accompaniment of second Violoncello

Übungsstücke auf der A-Saite

Mit Begleitung eines zweiten Violoncells

6

2 1 2 4 1 2 1 0 4 2 1

4 2 1 2 0 4 2 1 4 2

4 0 2 1 2 4 0 2 1 2 4

2 1 2 0 4 2 1 4 2

7

0 1 2 1 2 4 2 4 2 1 2 1 0 1 2 1 2 4 2 1 2

8

0 2 1 0 1 4 2 1 0 2 1 0 1 0 2 1 0 1 4 2 1 2 1 0

9

0 2 0 2 1 4 1 4 0 2 0 1 4 1 0 2 0 2 1 4 1 4 2 1 2

10

2 0 2 0 4 1 4 1 2 1 0 4 2 1 2 0 2 0 4 1 4 1 2 1 0

11

2 1 2 0 4 2 4 1 2 1 2 0 1 2 1 2 0 4 2 4 1 2 1 2

Exercises on the A and D strings

Übungen auf der A und D Saite

12

2 1 0 4 0 1 2 4 2 1 4 1 4 2 1 4 2 1 0 4 2 1 0

0 1 2 4 1 4 2 0 1 2 4 1 4 2 0 1 2 4 1 4 2 4 0 4 2 1 4 2

13

2 4 1 2 0 4 1 2 1 4 2 1 0 4 2 1 0 1 2 4 0 4 2 1

4 1 4 2 1 4 2 4 1 4 2 1 2 4 1 2 4 0 1 2 4 2 0 2 1 4 2

14

1 2 4 2 2 4 0 4 1 4 0 1 4 2 4 2 1 2 4 2 2 4 0 4 1 4 0 1 4 2

This system of musical notation for exercise 14 consists of two staves. The upper staff is in bass clef with a common time signature (C). It features a sequence of notes with fingerings (1, 2, 4, 2, 2, 4, 0, 4, 1, 4, 0, 1, 4, 2, 4, 2, 1, 2, 4, 2, 2, 4, 0, 4, 1, 4, 0, 1, 4, 2) written above the notes. The lower staff contains a corresponding bass line with notes and rests.

0 1 2 4 1 2 4 2 1 4 0 1 4 2 4 1 0 1 2 4 1 2 4 2 1 4 0 1 4 2 4 2

This system continues the musical notation for exercise 14. The upper staff has fingerings (0, 1, 2, 4, 1, 2, 4, 2, 1, 4, 0, 1, 4, 2, 4, 1, 0, 1, 2, 4, 1, 2, 4, 2, 1, 4, 0, 1, 4, 2, 4, 2) above the notes. The lower staff continues the bass line.

1 2 4 2 2 4 0 4 1 4 0 1 2 0 1 2 4 1 4 2 2 4 2 1 0 1 2 4 1 2

This system continues the musical notation for exercise 14. The upper staff has fingerings (1, 2, 4, 2, 2, 4, 0, 4, 1, 4, 0, 1, 2, 0, 1, 2, 4, 1, 4, 2, 2, 4, 2, 1, 0, 1, 2, 4, 1, 2) above the notes. The lower staff continues the bass line.

15

2 4 1 4 2 4 1 4 2 4 0 2 1 4 0 4 2 4 1 4 2 4 1 4 2 4 0 2 1 0

This system of musical notation for exercise 15 consists of two staves. The upper staff is in bass clef with a common time signature (C). It features a sequence of notes with fingerings (2, 4, 1, 4, 2, 4, 1, 4, 2, 4, 0, 2, 1, 4, 0, 4, 2, 4, 1, 4, 2, 4, 1, 4, 2, 4, 0, 2, 1, 0) written above the notes. The lower staff contains a corresponding bass line with notes and rests.

1 4 4 2 1 4 2 4 1 4 4 2 1 4 2 4 0 2 2 0 4 1 2 4 0 2 4 1 4 2

This system continues the musical notation for exercise 15. The upper staff has fingerings (1, 4, 4, 2, 1, 4, 2, 4, 1, 4, 4, 2, 1, 4, 2, 4, 0, 2, 2, 0, 4, 1, 2, 4, 0, 2, 4, 1, 4, 2) above the notes. The lower staff continues the bass line.

16

4 0 4 1 4 1 4 2 1 4 2 0 1 4 1 4 3 0 4 0 4 0 4 0 2 0 1 0 0 4 0 3

0 3 0 2 1 4 1 4 2 0 2 0 4 2 4 1 2 0 0 0 1 0 4 0 2 0 0 0 1 4 0 1

2 4 1 2 4 1 2 4 0 2 4 0 1 4 0 1 2 1 0 4 2 1 0 4 0 4 1 4 0 3 0 3 4

17

4 0 1 3 4 0 1 3 4 1 4 2 1 4 1 4 2 0 2 0 0 0 0 0 1 0 1 0

4 0 4 0 2 0 1 0 0 0 4 0 3 0 3 0 4 0 2 0 3 0 4 1 4 1

2 0 2 0 4 2 4 1 2 0 3 0 4 1 4 1 2 0 2 0 4 1 4 0 4 1 4 1

2 1 2 1 2 0 2 0 1 0 1 0 1 4 2 1 0 1 0 3 4 1 4 2 4

18

Exercises on the four Strings

Übungen auf allen vier Saiten

19

20

2 4 1 0 2 0 3 0 4 3 0 0 3 0 3 0 4 0 1 0 3 0 3 0

4 0 1 0 3 0 4 1 4 1 0 2 0 4 1 4 0 4 0 2 0 2 0 3 0 0 4

3 0 0 4 1 4 1 0 1 3 1 4 1 4 1 0 1 3 1 4 1 0 2 0 3 0 4 1 4 2 4

3 0 4 2 1 4 2 0 2 0 1 0 4 1 4 0 3 0 3 4 0 3 0

21

4 1 4 2 0 3 4 1 4 1 0 4 0 2 0 3 4 1 4 2 0 1 4 3 0 0

0 0 4 0 1 0 4 0 0 0 4 0 1 0 4 0 3 0 0 4 0 1 0 0 0 2 0 1 0 4 0

1 4 2 3 0 4 1 4 2 1 4 2 0 4 1 0 3 0 4 0 3 0 3 0 4

MAJOR SCALES

DURTONLEITERN

Scale of C Major

C-Dur - Tonleiter

22

0 1 3 4 0 1 3 4 0 1 2 4 0 1 2 1 0 4 2 1 0 4 3 1 0 4 3 1 0

Chord Akkord

0 3 0 4 1 4 2 4 1 4 0 3 0

Slurred Notes

Bindungen

23

a)

b)

c)

0 1 3 4 0 1 3 4 0 4 0 4 0 1 0 1 0 4 0 4 0 1 0 4 0 1 0 4 0 1 0 4

2 1 0 4 0 4

d)

e)

f)

g)

h)

0

24

25

26 a) Musical notation for exercise a) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 1 2 4 2 1 0 1 3 4 3 1

b) Musical notation for exercise b) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 1 2 4 2 1 0 1 3 4 3 1

c) Musical notation for exercise c) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on F2 and moves up stepwise to C3, then descends. The second phrase starts on F#2 and moves up stepwise to C3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 1 2 4 2 1 0 1 3 4 3 1

d) Musical notation for exercise d) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 2 1 4 2 1 0 3 1 4 3 1

e) Musical notation for exercise e) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 2 1 4 2 1 0 3 1 4 3 1

f) Musical notation for exercise f) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on F2 and moves up stepwise to C3, then descends. The second phrase starts on F#2 and moves up stepwise to C3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 2 1 4 2 1 0 3 1 4 3 1

g) Musical notation for exercise g) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
2 0 1 2 4 1 2 4 3 0 1 3 4 1 3 4

h) Musical notation for exercise h) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
0 2 1 2 4 1 2 4 3 0 1 3 4 1 3 4

i) Musical notation for exercise i) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on F2 and moves up stepwise to C3, then descends. The second phrase starts on F#2 and moves up stepwise to C3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
2 0 1 2 4 1 2 4 3 0 1 3 4 1 3 4

k) Musical notation for exercise k) in bass clef, 6/8 time. It consists of two phrases. The first phrase starts on G2 and moves up stepwise to D3, then descends. The second phrase starts on G#2 and moves up stepwise to D3, then descends. Both phrases are repeated twice. Fingerings are indicated below the notes.
2 0 4 1 3 0 4 2

l)

2 0 4 1 3 0 4 1

m)

2 0 4 1 3 0 4 1

n)

0 4 2 4 2 1 2 1 0 4 3 4 3 1 3 1

o)

0 4 2 4 2 1 2 1 0 4 3 4 3 1 3 1

p)

0 4 2 4 2 1 2 1 0 4 3 4 3 1 3 1

q)

0 1 2 1 2 4 2 4 2 1 2 1

0 1 3 1 3 4 3 4 3 1 3 1

r)

0 1 2 1 2 4 2 4 2 1 2 1

3 3

s)

0 1 2

3

27

0 1 3 4 | 0 1 3 4 | 0 1 2 4 | [★] 1 3 4 | 3 1 4 | 2 1 0 | 4 3 1 | 0 4 3 1 | 0

Chord
Akkord

0 3 0 4 | 1 4 | 4 | 1 4 | 0 3 | 0

Exercises

Übungsstücke

28

4 1 4 1 | 4 2 0 3 | 0 4 1 4 | 1 0 3 0 | 4 1 4 | 1 4 1 | 1 0 4 2 | 1 0

3 0 2 1 | 1 4 1 4 | 1 4 1 4 | 3 0 3 0 | 2 0 3 0 | 1 4 0 1 | 0 4 3 1 | 0

29

4 1 2 4 | 1 4 0 1 4 | 0 1 0 4 | 2 0 1 2 0 3 4 | 3 0 4 3

3 0 4 1 | 0 1 0 3 0 | 4 1 0 3 0 | 4 1 4 1 | 0 1 0 4 3 1 | 0 3 0 4

*) The notes between the dotted lines had better be omitted for the time, and wherever two fingerings are indicated, use the one underneath the notes. (p. 18)

*) Man lasse die eingeklammerten Noten jetzt noch fort und benutze da, wo zweierlei Fingersätze angegeben sind, den untenstehenden. (p. 18)

Scale of D major

D-dur-Tonleiter

30

Fingering: 1 2 4 0 1 2 4 0 1 3 4 0 1 3 4 3 1 0 4 3 1 0 4 2 1 0 4 2 1

Chord
Akkord

Fingering: 1 4 1 0 3 0 4 0 3 0 1 4 1

31

Fingering: 0 3 1 0 1 4 1 0 3 0 4 1 4 1 4 0 3 1

Fingering: 4 1 4 1 3 0 1 1 4 1 0 3 0 3 1 4 3 4 1 0

32

V

V

Exercise 34

Exercise 35

Scale of A major

A-dur-Tonleiter

33

1 2 4 0 1 2 4 0 1 3 4 1 2 4 0 4 2 1 4 3 1 0 4 2 1 0 4 2 1

Chord
Akkord

1 4 1 0 1 4 0 3 1 4 1 0 1 4 1

34

35

Scale of F major

F - dur - Tonleiter

36

4 0 1 2 4 0 1 2 4 0 1 2 4 0 1 2 4 1 2 4 1 2 1 0 4 2 1 0 4 2 1 0 4

Chord
Akkord

4 1 4 2 1 4 2 4 1 2 4 1 4

0 2 0 2 4 1 4

37

a) 2 0 4 1 2 0 1 4 0 2 0 4 1 4 2

0 2 1 0 0 4 4 1 0 4 2 1 4 2 1 0 1 0 1

2 0 1 2 4 2 1 2 1 0 1 2 1 0 4 2 1 2

b)

0 1 2 3 4 5 6 7 8 9 10 11 12

0 1 2 3 4 5 6 7 8 9 10 11 12

Scale of B flat major

B - dur - Tonleiter

38

2 4 0 1 2 4 0 1 2 4 1 2 4 1 2 1 2 3 2 1 2 1 4 2 1 0 4 2 1 0 4 2

Chord
Akkord

2 0 2 1 1 4 3 4 1 1 2 0 2

39

2 0 2 1 1 4 3 4 1 1 2 0 2

2 2 2 1 4 2 1 2 0 2 1 0 4 0 4 2 4

2 0 1 2 1 2 0 2 1 4 0 1 0

2 4 0 1 2 2 4 0 1 1 0 4 2 1 2 2 1

4 1 2 4 2 1 0 4 2 1 0 2 1 0 4 2 4 0 4 2 1 2

Scale of E flat major

Es-dur-Tonleiter

40

Chord
Akkord

41

Relative Minors of the preceding
Major Scales

*Die mit vorhergehenden Tonarten
verwandten Molltonleitern*

Scale of A minor
(Relative to C Major)

*A-moll-Tonleiter
(Mit C-dur verwandt)*

42

Chord
Akkord

43

Scale of E minor
(Relative to G Major)

E-moll-Tonleiter
(Mit *E-dur* verwandt)

44

Musical notation for exercise 44, scale of E minor, bass clef. The scale is written on a single staff with a key signature of one sharp (F#). The notes are E, F#, G, A, B, C, D, E, F#, G, A, B, C, D, E. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from G to B. The exercise ends with a double bar line and a repeat sign.

Chord
Akkord

Musical notation for exercise 44, chord progression, bass clef. The chords are written on a single staff with a key signature of one sharp (F#). The notes are E, F#, G, A, B, C, D, E, F#, G, A, B, C, D, E. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from G to B. The exercise ends with a double bar line and a repeat sign.

45

Musical notation for exercise 45, scale of E minor, grand staff. The scale is written on two staves (treble and bass clef) with a key signature of one sharp (F#). The notes are E, F#, G, A, B, C, D, E, F#, G, A, B, C, D, E. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from G to B. The exercise ends with a double bar line and a repeat sign.

Musical notation for exercise 45, chord progression, grand staff. The chords are written on two staves (treble and bass clef) with a key signature of one sharp (F#). The notes are E, F#, G, A, B, C, D, E, F#, G, A, B, C, D, E. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from G to B. The exercise ends with a double bar line and a repeat sign.

Scale of B minor
(Relative to D Major)

H-moll-Tonleiter
(Mit *D-dur* verwandt)

46

Musical notation for exercise 46, scale of B minor, bass clef. The scale is written on a single staff with a key signature of two sharps (F#, C#). The notes are B, C#, D, E, F, G, A, B, C#, D, E, F, G, A, B. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from D to F. The exercise ends with a double bar line and a repeat sign.

Chord
Akkord

Musical notation for exercise 46, chord progression, bass clef. The chords are written on a single staff with a key signature of two sharps (F#, C#). The notes are B, C#, D, E, F, G, A, B, C#, D, E, F, G, A, B. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from D to F. The exercise ends with a double bar line and a repeat sign.

47

Musical notation for exercise 47, scale of B minor, grand staff. The scale is written on two staves (treble and bass clef) with a key signature of two sharps (F#, C#). The notes are B, C#, D, E, F, G, A, B, C#, D, E, F, G, A, B. The fingering is indicated by numbers 1-4 above the notes. A dashed box highlights the interval from D to F. The exercise ends with a double bar line and a repeat sign.

Scale of F sharp minor
(Relative to A Major)

Fis-moll-Tonleiter
(Mit *A-dur* verwandt)

48

Chord
Akkord

49

Scale of D minor
(Relative to F Major)

D-moll Tonleiter
(Mit *F-dur* verwandt)

50

Chord
Akkord

51

Scale of G minor
(Relative to B \flat Major)

G-moll-Tonleiter
(Mit B-dur verwandt)

52

Chord
Akkord

53

Scale of C Minor
(Relative to E \flat Major)

C-moll-Tonleiter
(Mit Es-dur verwandt)

0 1 2 4 0 1 3 4 0 1 2 4 0 1 2 1 4 4 2 1 0 4 2 1 0 4 2 1

54

Chord
Akkord

55