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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*)

a) $\overset{\square}{\circ}$ $\overset{V}{\circ}$ $\overset{\square}{\circ}$ $\overset{V}{\circ}$ $\overset{\square}{\circ}$ $\overset{V}{\circ}$ $\overset{\square}{\circ}$ $\overset{V}{\circ}$ \square V \square
A D G C

b) V \square V \square V \square V \square V \square V \square V \square

c) \square V

d) \square V

e) \square V

f)

g) h)

i) k) l)

m)

The Placing of the First Finger

Das Aufsetzen des ersten Fingers

a) 0 1 1 0 b) 0 1

c) 0 1 d) 0 1

The Placing of the First and Second Fingers

Das Aufsetzen des ersten und zweiten Fingers

3

a) 0 1 2 1

b) 0 1 2

c) 0 1 2

d) 0 1 2 1

Detailed description: This section contains four musical exercises for the first and second fingers in 3/4 time. Exercise a) shows a sequence of notes: C (finger 0), D (finger 1), E (finger 2), and D (finger 1). Exercise b) shows: C (finger 0), D (finger 1), and E (finger 2). Exercise c) shows: C (finger 0), D (finger 1), and E (finger 2). Exercise d) shows: C (finger 0), D (finger 1), E (finger 2), and D (finger 1). Each exercise is repeated twice, indicated by double bar lines with repeat dots.

The Placing of the First and Third Fingers

Das Aufsetzen des ersten und dritten Fingers

4

a) 0 1 3

b) 0 1 3

c) 0 1 3

d) 0 1 3 1

Detailed description: This section contains four musical exercises for the first and third fingers in 4/4 time. Exercise a) shows: C (finger 0), D (finger 1), and E (finger 3). Exercise b) shows: C (finger 0), D (finger 1), and E (finger 3). Exercise c) shows: C (finger 0), D (finger 1), and E (finger 3). Exercise d) shows: C (finger 0), D (finger 1), E (finger 3), and D (finger 1). Each exercise is repeated twice, indicated by double bar lines with repeat dots.

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

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

5

a) 0 1 2 4

b) 0 1 2

c) 0 1 2 4

d) 0 1 2 4

e) 0 1 3 4

f) 0 1 3 4

g) 0 1

h) 0 1 3 4

Detailed description: This section contains eight musical exercises for the fourth finger in combination with preceding exercises in 5/4 time. Exercise a) shows: C (finger 0), D (finger 1), E (finger 2), and F (finger 4). Exercise b) shows: C (finger 0), D (finger 1), and E (finger 2). Exercise c) shows: C (finger 0), D (finger 1), E (finger 2), and F (finger 4). Exercise d) shows: C (finger 0), D (finger 1), E (finger 2), and F (finger 4). Exercise e) shows: C (finger 0), D (finger 1), E (finger 3), and F (finger 4). Exercise f) shows: C (finger 0), D (finger 1), E (finger 3), and F (finger 4). Exercise g) shows: C (finger 0) and D (finger 1). Exercise h) shows: C (finger 0), D (finger 1), E (finger 3), and F (finger 4). Each exercise is repeated twice, indicated by double bar lines with repeat dots.

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 2 2 2 2 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

10

11

Exercises on the A and D strings

Übungen auf der A und D Saite

12

13

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 contains the first two staves of exercise 14. The top staff is in bass clef with a common time signature (C). It features a sequence of eighth 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. The bottom staff is in bass clef and contains a simple accompaniment of eighth notes.

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 contains the next two staves of exercise 14. The top staff continues the eighth-note sequence with 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. The bottom staff continues the accompaniment.

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 contains the third and fourth staves of exercise 14. The top staff continues the eighth-note sequence with 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. The bottom staff continues the accompaniment.

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 contains the first two staves of exercise 15. The top staff is in bass clef with a common time signature (C). It features a sequence of eighth 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. The bottom staff is in bass clef and contains a simple accompaniment of eighth notes.

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 contains the next two staves of exercise 15. The top staff continues the eighth-note sequence with 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. The bottom staff continues the accompaniment.

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

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

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

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

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

Exercises on the four Strings

| *Übungen auf allen vier Saiten*

19

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

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

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 4 0 1 0 1 0 4 0 4 0 1

2 1 0 4 0 4

d)

e)

f)

g)

h)

24

25

26

a) Musical staff a) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 1 2 4 2 1 0 1 3 4 3 1

b) Musical staff b) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 1 2 4 2 1 0 1 3 4 3 1

c) Musical staff c) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 1 2 4 2 1 0 1 3 4 3 1

d) Musical staff d) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 2 1 4 2 1 0 3 1 4 3 1

e) Musical staff e) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 2 1 4 2 1 0 3 1 4 3 1

f) Musical staff f) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 2 1 4 2 1 0 3 1 4 3 1

g) Musical staff g) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
2 0 1 2 4 1 2 4 3 0 1 3 4 1 3 4

h) Musical staff h) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
0 2 1 2 4 1 2 4 3 0 1 3 4 1 3 4

i) Musical staff i) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
2 0 1 2 4 1 2 4 3 0 1 3 4 1 3 4

k) Musical staff k) in bass clef, 6/8 time. It consists of two measures of eighth notes with slurs, followed by two measures of eighth notes with slurs and a key signature change to one sharp (F#). Fingerings are indicated below the notes.
2 0 4 1 3 0 4 2

1) Musical notation for exercise 1, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 2 0 4 1, 3 0 4 1.

m) Musical notation for exercise m, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 2 0 4 1, 3 0 4 1.

n) Musical notation for exercise n, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 4 2 4 2 1 2 1, 0 4 3 4 3 1 3 1.

o) Musical notation for exercise o, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 4 2 4 2 1 2 1, 0 4 3 4 3 1 3 1.

p) Musical notation for exercise p, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 4 2 4 2 1 2 1, 0 4 3 4 3 1 3 1.

q) Musical notation for exercise q, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 1 2 1 2 4 2 4 2 1 2 1.

Musical notation for exercise q, second staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 1 3 1 3 4 3 4 3 1 3 1.

r) Musical notation for exercise r, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 1 2 1 2 4 2 4 2 1 2 1.

Musical notation for exercise r, second staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 3, 3.

s) Musical notation for exercise s, first staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 0 1 2.

Musical notation for exercise s, second staff. Bass clef, 4/4 time. Notes: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. Fingering: 3.

27

Chord
Akkord

Exercises

Übungsstücke

28

29

*) 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

Fingerings: 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

Fingerings: 1 4 1 0 3 0 4 0 3 0 1 4 1

31

Fingerings: 0 3 1 0 1 4 1 0 3 0 4 1 4 1 4 0 3 1

Fingerings: 4 1 4 1 3 0 1 1 4 1 0 3 0 3 1 4 3 4 1 0

32

Marking: V

Marking: V

Scale of A major

A-dur-Tonleiter

33

Chord
Akkord

34

35

Scale of F major

F - dur - Tonleiter

36

Chord
Akkord

37

b)

38

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

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 the E minor scale, measure 44. The staff is in bass clef with a key signature of one sharp (F#). The scale is written in a single line. Fingering numbers are placed above the notes. A dashed box highlights the notes from G# to B. The notes are: E2 (2), F#2 (4), G2 (0), A2 (1), B2 (2), C#3 (4), D3 (1), E3 (2), F#3 (4), G3 (1), A3 (2), B3 (4), C#4 (1), D4 (2), E4 (4), F#4 (1), G4 (2), A4 (4), B4 (1), C#5 (0). The notes below the staff are: E2 (2), F#2 (4), G2 (0), A2 (1), B2 (2), C#3 (4), D3 (1), E3 (1), F#3 (3), G3 (4), A3 (0), B3 (1), C#4 (0), D4 (4), E4 (3), F#4 (1), G4 (0), A4 (4), B4 (3), C#5 (1), D5 (0), E5 (4).

Chord
Akkord

Musical notation for the E minor chord, measure 44. The staff is in bass clef with a key signature of one sharp (F#). The chord is written in a single line. Fingering numbers are placed above the notes. A dashed box highlights the notes from G# to B. The notes are: E2 (3), F#2 (0), G2 (3), A2 (1), B2 (4), C#3 (1), D3 (4), E3 (1), F#3 (4), G3 (1), A3 (3), B3 (0), C#4 (3).

45

Musical notation for the E minor scale, measure 45. The staff is in bass clef with a key signature of one sharp (F#). The scale is written in a single line. Fingering numbers are placed above the notes. The notes are: E2 (1), F#2 (4), G2 (1), A2 (2), B2 (1), C#3 (1), D3 (1), E3 (3), F#3 (4), G3 (3), A3 (3), B3 (1), C#4 (4), D4 (1), E4 (2), F#4 (1), G4 (2), A4 (3), B4 (4), C#5 (0).

Scale of B minor
(Relative to D Major)

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

46

Musical notation for the B minor scale, measure 46. The staff is in bass clef with a key signature of two sharps (F#, C#). The scale is written in a single line. Fingering numbers are placed above the notes. A dashed box highlights the notes from D# to F. The notes are: B2 (2), C#3 (4), D3 (0), E3 (1), F3 (2), G#3 (4), A3 (1), B3 (1), C#4 (3), D4 (4), E4 (1), F4 (3), G#4 (2), A4 (1), B4 (3), C#5 (1), D5 (4), E5 (3), F5 (1), G#5 (0), A5 (4), B5 (3), C#6 (1), D6 (0), E6 (4), F6 (2).

Chord
Akkord

Musical notation for the B minor chord, measure 46. The staff is in bass clef with a key signature of two sharps (F#, C#). The chord is written in a single line. Fingering numbers are placed above the notes. A dashed box highlights the notes from D# to F. The notes are: B2 (3), C#3 (0), D3 (3), E3 (1), F3 (1), G#3 (4), A3 (3), B3 (1), C#4 (3), D4 (1), E4 (3), F4 (0), G#4 (3).

47

Musical notation for the B minor scale, measure 47. The staff is in bass clef with a key signature of two sharps (F#, C#). The scale is written in a single line. Fingering numbers are placed above the notes. The notes are: B2 (3), C#3 (3), D3 (2), E3 (1), F3 (1), G#3 (3), A3 (1), B3 (3), C#4 (1), D4 (0), E4 (4), F4 (3), G#4 (3), A4 (1), B4 (1), C#5 (4), D5 (0), E5 (2), F5 (4), G#5 (4).

Piano introduction for exercise 48, showing the first few measures of the F sharp minor scale in bass clef.

Scale of F sharp minor
(Relative to A Major)

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

48

Main scale for exercise 48, F sharp minor, with fingerings: 1 3 4 1 2 4 1 2 4 0 1 3 1 3 4 2 1 3 1 0 4 2 1 0 4 2 1 3 1

Chord
Akkord

Chord progression for exercise 48, F sharp minor, with fingerings: 4 1 4 2 1 4 2 4 1 4 2 0 2 0 2 4 1 4

49

Piano introduction for exercise 49, showing the first few measures of the D minor scale in bass clef.

Scale of D minor
(Relative to F Major)

D-moll Tonleiter
(Mit F-dur verwandt)

50

Main scale for exercise 50, D minor, with fingerings: 1 3 4 0 1 2 4 0 1 2 4 0 1 3 4 2 1 0 4 2 1 0 4 2 1 0 4 3 1

Chord
Akkord

Chord progression for exercise 50, D minor, with fingerings: 1 4 1 0 2 0 4 0 2 0 1 4 1

51

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

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

52

Chord
Akkord

53

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

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

4 1 0 1

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

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

55

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