

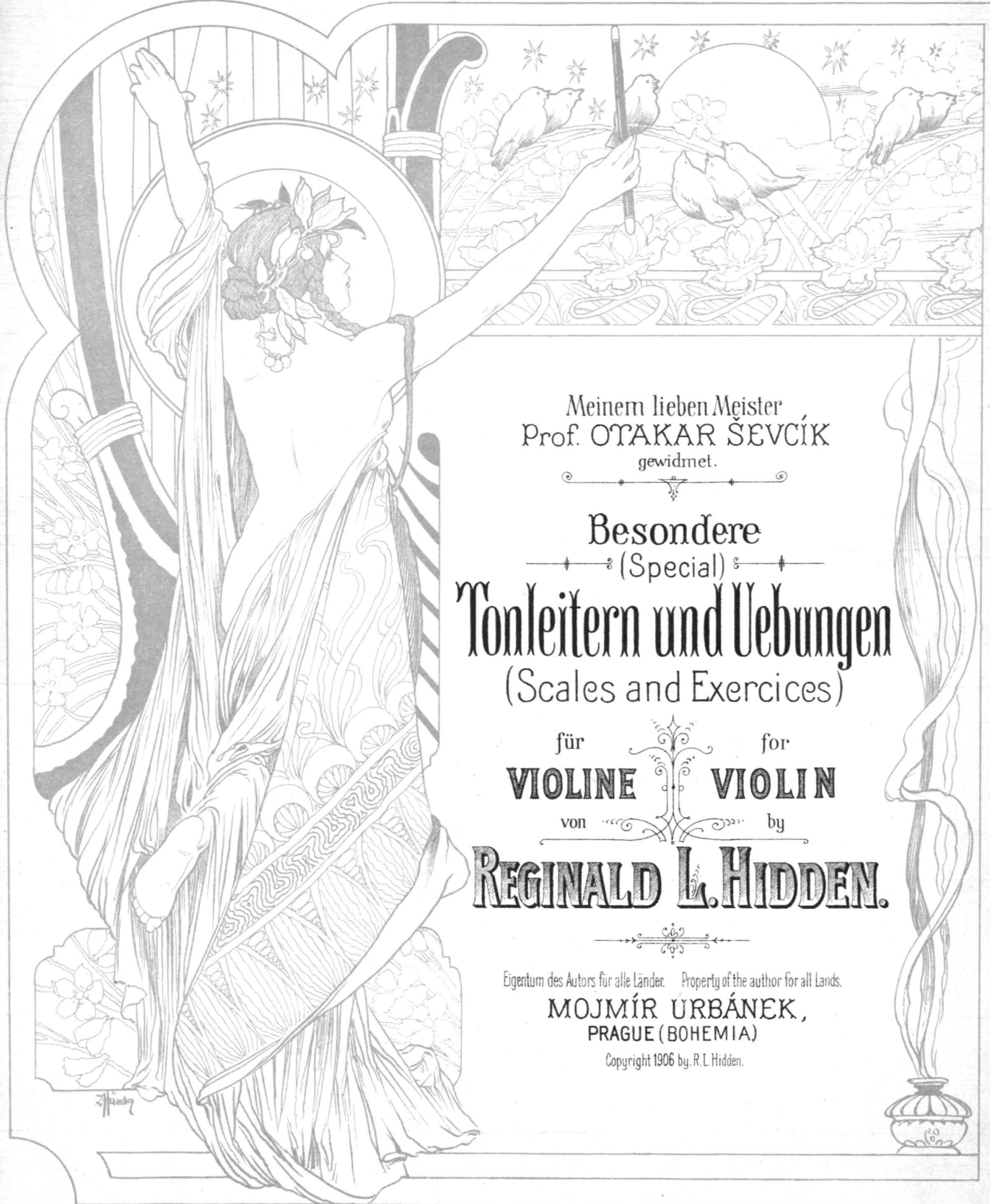


№ 276.

HIDDEN

Special
Scales and Exercices
* for
Violin.

\$ 2. — net.
Mk6. — no. K.7.20 no



Meinem lieben Meister
Prof. OTAKAR ŠEVČÍK
gewidmet.

Besondere

(Special)

Tonleitern und Uebungen

(Scales and Exercises)

für VIOLINE for VIOLIN
von by

REGINALD L. HIDDEN.

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MOJMÍR URBÁNEK,
PRAGUE (BOHEMIA)

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Exercise for added control of the 3rd finger on all strings

Same ex. for 4th finger

Vorwort.

Schon als ernster Schüler, besonders aber als Lehrer des Violinspiels, war es stets mein Streben eine Anzahl systematisch geordnete Übungen zu erfinden, welche dahin führen sollten, die allgemein vorhandene Schwäche des 3^{ten} und 4^{ten} Fingers der linken Hand zu beseitigen, vorausgesetzt daß diese Übungen redlich und mit Überlegenheit zu Rate gezogen werden.

Es ist hauptsächlich aus Bequemlichkeitsrücksichten für mich beim Unterrichten, sowie für meine Schüler, daß ich mich veranlaßt fühlte dieses kleine Werk in Druck erscheinen zu lassen.

Prag, Böhmen 1904-05.

Reginald L. Hidden.

Preface.

As a teacher of the violin and also an earnest student I have constantly endeavoured to find some help for the prevailing weakness of the third and fourth fingers in the average violinist.

The main object of publishing this work is more as a convenience to myself in having these special exercises for use with my pupils.

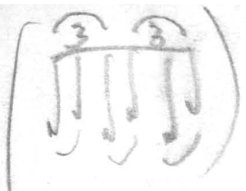
Prague, Bohemia 1904-05.

Reginald L. Hidden.

Arnold Kramke Out

Morant

1	Wrist	
2	whip or find	"
3	finger	"
4	finger & wrist	
5		



(Every key has a leading tone)

Tonleiter Studien der ersten Lage.

Erst dann in allmählich schnellerem Tempo zu üben, wenn man die Kraft und erhöhte Sicherheit der Finger verspührt.

Scale studies in the first Position.

At first practice very slowly then increase the speed as the fingers become strong and sure.

Dieselben Stricharten. Same bowing as above.

Dieselben Stricharten. Same bowings.

This page of musical notation for guitar consists of ten staves of music. The notation includes various fret numbers (e.g., 1, 2, 0, 2, 3, 4) and techniques such as triplets, slurs, and ties. The key signature changes from three sharps (F#, C#, G#) to two flats (Bb, Eb) in the fifth staff, and then returns to three sharps in the seventh staff. The music is written in a style typical of guitar sheet music, with a focus on melodic lines and technical exercises.

Die vorhergehenden Scalen übe man auf folgen-
der Art.

The foregoing scales are also to be played in the
following manner.

Verschiedene Übungen zur
Entwicklung der linken Hand.

Various exercises for
the development of the left hand.

Dieselben Stricharten. Same bowing.



Die folgenden Übungen übe man zuerst mit gleichzeitigem Aufsetzen des Fingers auf zwei Saiten, wo die eine Quinte sich befindet; später schiebe man den Finger an solchen Stellen von einer Saite zur anderen wie angemerkt und ohne Fingeraufheben wo durch die Gelenke des 3. u. 4. Fingers gekräftigt werden.

In the following exercises practice also the placing of one finger on two strings at once, where the perfect fifth occurs, also draw the fingers as indicated in order to gain more strength in joints of third and fourth fingers.

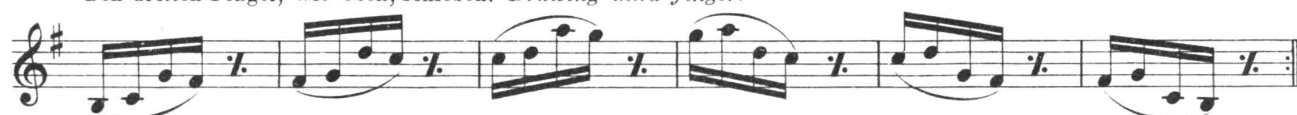
Der erste Finger ist von einer Saite zur anderen zu schieben, ohne denselben aufzuheben.
Draw first finger from one string to the other without raising it from the fingerboard.



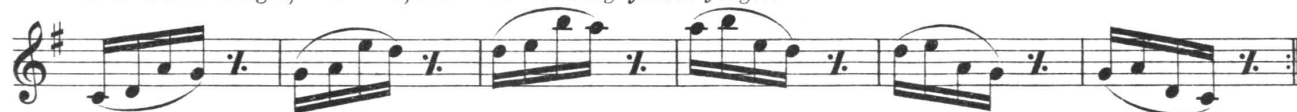
Den zweiten Finger, wie oben, schieben. *Drawing second finger.*



Den dritten Finger, wie oben, schieben. *Drawing third finger.*



Den vierten Finger, wie oben, schieben. *Drawing fourth finger.*



Zweiter Finger. *Second finger.*



Dritter Finger. *Third finger.*



Vierter Finger. *Fourth finger.*

1 4-4 1 4-4 1 4-4

4. Lage. 4th Position.

1 2-2 1 2-2 1 2-2

2 3-3 2 3-3 2 3-3

3 4-4 3 4-4 3 4-4

1 3-3 1 3-3 1 3-3

2 4-4 2 4-4 2 4-4

1 4-4 1 4-4 1 4-4

5. Lage. 5th Position.

1 2-2 1 2-2 1 2-2

2 3-3 2 3-3 2 3-3

3 4-4 3 4-4 3 4-4

1 3-3 1 3-3 1 3-3

2 4-4 2 4-4 2 4-4

6. Lage. 6th Position.

7. Lage. 7th Position.

Die Finger dicht an die Saiten und dieselbe Handstellung in allen Lagen.

Keep the fingers very close to the strings, and the position of the hand the same in the first position as in the higher positions.

1. Lage. 1st Position.

Zuerst langsam. Slowly at first.

4th

etc.

Erst dann in allmählich schnellerem Tempo zu üben.

Increase the speed after being sure of the intonation.

1. Lage. 1st Position.

4th

etc.

1st

4th

etc.

NB. Der erste Finger hält gleichzeitig die Noten C und G (reine Quinte). In jeden Takt greife man die reine Quinte wie angemerkt.

NB. The first finger remains down covering the two tones C and G - or opposite tones - in each bar hold down the perfect fifth as indicated.

1. Lage. A und D Saite. 1st Position. A and D strings.

Musical notation for the first exercise, 1st position, A and D strings. It consists of two staves. The first staff contains five measures of eighth-note patterns, each starting with a '4' and a slur, indicating a four-note group. The second staff contains two measures of eighth-note patterns, each starting with a '4' and a slur, indicating a four-note group.

2. Lage. 2nd Position.

Musical notation for the second exercise, 2nd position. It consists of two staves. The first staff contains five measures of eighth-note patterns with slurs and fingering numbers 3, 2, 1, 4, and 3 above them. The second staff contains two measures of eighth-note patterns with slurs and fingering numbers 2 and 1 above them.

3. Lage. 3rd Position.

Musical notation for the third exercise, 3rd position. It consists of two staves. The first staff contains five measures of eighth-note patterns with slurs and fingering numbers 1, 1, 1, 1, and 1 above them. The second staff contains two measures of eighth-note patterns with slurs and fingering numbers 1 and 1 above them.

4. Lage. 4th Position.

Musical notation for the fourth exercise, 4th position. It consists of two staves. The first staff contains five measures of eighth-note patterns with slurs and a '4' above each. The second staff contains two measures of eighth-note patterns with slurs and a '4' above each.

5. Lage. D und G Saite. 5th Position. D and G strings.

Musical notation for the fifth exercise, 5th position, D and G strings. It consists of two staves. The first staff contains five measures of eighth-note patterns, each starting with a '4' and a slur. The second staff contains two measures of eighth-note patterns, each starting with a '4' and a slur.

6. Lage. 6th Position.

Musical notation for the sixth exercise, 6th position. It consists of two staves. The first staff contains five measures of eighth-note patterns, each starting with a '4' and a slur. The second staff contains two measures of eighth-note patterns, each starting with a '4' and a slur.

7. Lage. 7th Position.

Man übe dieselben Scalen auf A und E mit der ersten Lage anfangend; in den weiteren Lagen übe man auf folgende Art.

Practice the same scales on the A and E strings commencing in the first Position and continuing on up through the other Positions as follows.

1. Lage. 1st Position.

2. Lage. 2nd Position.

Man übe dieselben Scalen in der 5. 6. und 7. Lage.

Continue the exercise in the fifth - sixth and seventh Positions.

Frosch. Spitze.
Heel. Point.

Für gebundene Noten gebrauche man den ganzen Bogen, die anderen Noten werden an der Spitze und am Frosch mit freiem Handgelenk gespielt.

Use the whole bow for the slurred notes, and play the other notes with easy wrist movement at the point and frog.

Diese Übungen mit dem oberen Bogen spielen.

Practice these exercises with the above bowings.

Den 1. Finger liegen lassen. Hold 1st finger down.

Man gebrauche dieselbe Figur in der 6. und 7. Lage.

Continue using same figure for the sixth and seventh position.

Die Handstellung muß während dieser Übung unverändert bleiben und beim Ziehen des Fingers von einem Tone zum anderen muß der erfolgende Ton klar und fest sein.

The hand must remain in the first position in the following exercise, and the tones that are made by drawing a finger from one tone to the other must be clear and firm.

G Saite. G string. D Saite. D string. A Saite. A string.

1 2 3 2 3 4 3 4 4 4 4 3
1 2-2 2-2 3 2 3 4 4 3 2
1 2 3 2 3-3 3-3 4 4 3 3

1 2 3 2 3 4 3 4 4 4 4 3
1 2-2 2-2 3 2 3 4 4 3 2
1 2 3 2 3-3 3-3 4 4 3 3

3 4 4 4 4 3 4 3 2 3 2 1
2 3 4 4 3 2 3 2 2 3 2 1
3-3 4 4 3-3 3-3 2 3 2 1

1 2 3 4 4 3 3 3 2 3 2 1
1 2-2 4 3 2 3 2-2 3 2 1
1 2 3 4 3-3 3-3 2 3 2 1

Der 1. Finger soll während der vorhergehenden Übung liegen bleiben.

In the above exercise keep the first finger down.

Den 2. Finger liegen lassen. Hold 2nd finger down.

1 2 3 4 3 4 3-3 2
1 2 3 4 3 4 3 3 2
1 1 3 4 3 4 3-3 2
1 2 3 4 3 4 3-3 2

Zur Entwicklung des 3. und 4. Fingers.

For increasing strength of 3rd and 4th finger.

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

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

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

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

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

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

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

Erst dann in allmählich schnellerem Tempo üben.

At first slowly, then increase the speed.

1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2

2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1

1 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1

Die Tonleiter hinab. Down the scale.

Die Handstellung muß während dieser Übung unverändert bleiben.

Hold the left hand in the same position throughout the exercise.

G Saite. G string.

D A E

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Die folgende Übung ist mit verschiedenen Fingersätzen zu spielen. Die Hand gut über die Saiten zu halten.

The following exercise with different fingerings as given, keeping hand well over string.

1 3 2 3 2 3 1 2 3 3 3 2 1 3 2 1 2 4 3 2 3 4 2 2 3 (3) 3 2 3 2 3 2
 1 3 2 1 2 1 2 1 2 (3) 2 1 2 1 2 1 2 4 3 2 3 4 2 3 4 4 4 3 2 4 3 2
 1 3 2 1 2 1 2 3 4 4 4 3 2 1 2 1 1 3 2 1 2 3 1 2 3 4 3 2 1 3 2 1

Die folgenden Stricharten sind auch anzuwenden. Das Zeichen 2̂ bedeutet zwei Noten binden. Das Zeichen 4̂ bedeutet vier Noten binden.

The following bowings to be used also. 2̂ means two tones slurred together. 4̂ means four tones slurred together. etc.

G
 D
 A
 E

Man übe dieselben Scalen mit den 1. und 2. Finger. Den 1. Finger nicht heben.

After practicing these exercises with above fingering play them with 1st and 2nd fingers keeping first finger down both ascending and descending.

Auch zu üben mit Hinauf- und Hinab- Staccato-Bogenstrich.

Practice these exercises with both up and down bow staccato.

Übung für Geläufigkeit.

Langsam, mit beiden Fingersätzen und verschiedenen Stricharten zu üben.

Exercise for velocity.

Practice slowly at first using both fingerings and various bowings. Afterwards the long bows and upper fingering.

The musical score consists of ten staves of music, each containing a series of notes with various fingerings and bowings indicated above them. The notes are arranged in a sequence that moves up and down the scale, with some sections marked with repeat signs. The fingerings are indicated by numbers 1, 2, 3, and 4, and the bowings are indicated by numbers 1 and 2, and by the notation '4-4-4'. The first staff shows a sequence of notes with fingerings 1, 3, 1, 3, 2, 1, 2, 1, 2, 1, 2, 3, 2, 1, 2, 1, 2, 1, 2, 1. The second staff shows a sequence of notes with fingerings 2, 4, 3, 2, 3, 4, 3, 4, 3, 4, 3, 4, 3, 4, 3, 2. The third staff shows a sequence of notes with fingerings 1, 3, 1, 3, 2, 4, 2, 4, 4, 4, 4, 2, 1, 1, 3, 1. The fourth staff shows a sequence of notes with fingerings 2, 2, 4, 4, 4, 4, 2, 1, 1, 3, 2, 2, 4, 4, 4, 4, 2. The fifth staff shows a sequence of notes with fingerings 1, 1, 3, 1, 2, 2, 4, 4, 4, 4, 2, 1, 1, 3, 1. The sixth staff shows a sequence of notes with fingerings 2, 2, 4, 4, 4, 4, 2, 1, 3, 1, 3, 2, 2, 4, 4, 4, 4, 2. The seventh staff shows a sequence of notes with fingerings 1, 1, 3, 1, 2, 4, 2, 4, 4, 4, 4, 2, 1, 1, 3, 1. The eighth staff shows a sequence of notes with fingerings 2, 2, 4, 4, 4, 4, 2, 1, 1, 3, 1, 2, 2, 4, 4, 4, 4, 2. The ninth staff shows a sequence of notes with fingerings 1, 1, 3, 1, 2, 4, 2, 4, 4, 4, 4, 2, 1, 1, 3, 1. The tenth staff shows a sequence of notes with fingerings 2, 2, 4, 4, 4, 4, 2, 1, 1, 3, 1, 2, 2, 4, 4, 4, 4, 2.

Auch in zwei aufeinanderfolgenden Takten zu üben.

Practice this exercise also two bars at a time.

Terzen.

Bei dieser Übung schiebe man den 1. und 3. Finger von einer Saite zur andern, ohne die Finger aufzuheben.

Thirds.

While practicing these exercise in thirds hold the 1st and 3rd fingers down, drawing them from one string to the other without lifting them from the strings.

D und A. *D and A.*

Spiele vorstehende Übung auch so, wie mit den kleinen Noten bezeichnet, 2. und 4. Finger.

Play the above exercise as indicated by the small notes (2nd and 4th fingers) as well.

1. und 3. Finger bleiben liegen.
Hold the 1st and 3rd fingers down.

etc.

Spiele alle oben angegebene Terzen auf diese Art.

Play all the above thirds in this manner.

G und D. *G and D.* D und A. *D and A.*

A und E. *A and E.*

G und D. *G and D.*

Auch mit getrennten Bogenstrichen zu üben.

Practice also with separate bowings.

D und A. *D and A.*

Derselbe Fingersatz wie vorher. *Same fingering as above.*

G und D. *G and D.*

A und D. *A and D.*

etc.

Auch umgekehrt zu üben.

Also practice the reverse.

etc.

22 1. Finger liegen lassen. *Hold first finger down.*

D A.

A E.

Besondere Übung für
unabhängigkeit der Finger.

Sehr langsam und oft wiederholen, größte Sorgfalt auf Reinheit des Spiels verwenden.

Special exercises
for independence of fingers.

At first play very slowly and repeat each bar being very careful that every note is exactly in tune.

In verschiedenen Tonarten zu üben. Zuerst vier, dann zwei Bogenstriche, dann einen Bogenstrich auf einen Takt.

Play these exercises in different keys, using first four bows to the bar, then two and then one.

Ebenso weiter die Tonleiter hinauf.

Continue on up the scale in the same manner.

Die Tonleiter hinab mit denselben Fingersatz.
Edition M. U.

Down the scale using same fingering.

Auf G- und D-Saite in folgender Weise.

Practice this exercise on the G and D strings commencing as follows.

Dieselbe Übung auf diese Art mit verschiedenen Stricharten. Same exercise this way with different bowings. etc.

Obige Übung auch in dieser Art.

Above exercise in this manner also

Die folgenden 12 Übungen werden mit dazu beitragen, die Sicherheit des 3. und 4. Fingers zu erhöhen.

The following twelve exercises will be found of great value in making the third and fourth fingers capable of doing their share of work when called upon.

1*)

2. Für den 1. und 4. Finger. *For the 1st and 4th fingers.*

*) Die fortschreitenden Quinten entschuldige man, da diese Übung nur als Fingerübung dienen soll.

**) The progression of fifths will have to be excused as these exercises are intended only for finger work.*

Quinten.

Wie selten findet man, daß der 3. und 4. Finger genügend stark ausgebildet sind; wie schwierig ist es stets, eine reine Quinte mit den 3. Finger zu greifen; nur aus den Gründen sind diese Übungen beigefügt.

Fifths.

The prevailing weakness of the third and fourth fingers in most students of the violin, and the inability to play a perfect fifth with the third finger is the reason for writing the following exercises.

3.

etc.

Die Tonleiter hinab mit denselben Fingersatz.

On down the scale same fingering.

4.

5.

Reine Quinten für den 4. Finger.

Exercise for holding a perfect fifth with the fourth finger.

6. G. D. D. A. A. E.

The first six measures of the exercise are presented in two systems of three staves each. The first system contains measures 1, 2, and 3. The second system contains measures 4, 5, and 6. Each measure features a melodic line on the upper staff and a supporting bass line on the lower staff. The exercises consist of eighth-note patterns with various fingerings (3 and 4) and articulations (accents and slurs). Measure 6 concludes with the instruction "etc.".

Dasselbe wie vorher.
Same as above.

The final three measures of the exercise are shown in a system of two staves. Measure 7 is marked with a '7.' and includes fingerings 1, 2, and 3. Measures 8 and 9 continue the eighth-note patterns with fingerings 3 and 4. The exercise concludes with a final measure in measure 9.

This musical score consists of ten staves of music. The notation includes various rhythmic values, primarily eighth and sixteenth notes, often grouped into triplets and pairs. The first staff has a triplet of eighth notes and a group of four groups of four sixteenth notes. The second staff continues with similar rhythmic patterns. The third staff features a series of eighth-note triplets, with a second ending marked (2) above the final triplet. The fourth staff includes first and second endings, with a 4/4 time signature indicated below the first ending. The fifth staff is marked with a large '8.' and contains eighth-note triplets with first and second endings. The sixth staff continues with eighth-note patterns and first endings. The seventh staff features eighth-note triplets with first and second endings, and a 2/2 time signature below. The eighth staff has eighth-note triplets with first and second endings. The ninth staff includes eighth-note triplets with first and second endings, and a 2/2 time signature below. The tenth staff concludes with eighth-note patterns and first endings, with 2/2 and 4/4 time signatures indicated below.

Quarten und Quinten.

Fourths and fifths.

9.

Musical score for exercise 9, consisting of seven staves of music. The first four staves are in treble clef, and the last three are in bass clef. The music features eighth-note patterns with various fingerings (1, 2, 3) and repeat signs. The exercise is titled "Quarten und Quinten" and "Fourths and fifths".

10.

Musical score for exercise 10, consisting of four staves of music in treble clef. The music features eighth-note patterns with various fingerings (1, 2, 3, 4) and repeat signs. The exercise is titled "Quarten und Quinten" and "Fourths and fifths".

etc.

11.

Diese Übung auch die Tonleiter hinab.

Same exercise down the scale.

12.

Diese Übung auch die Tonleiter hinab.

Same exercise down the scale.

Die vorhergehenden Übungen sollten jeden Tag, wenn nur wenige Minuten, geübt werden; überraschende Sicherheit der linken Hand wird in kurzer Zeit die Folge sein.

A few minutes a day devoted to the foregoing exercises will bring the left hand into shape, and surprising command of the finger-board will be gained. In a very short time.

Recht langsam und zuerst mit einzelnen Strichen — die Finger sollen, wo irgend möglich liegen bleiben.

These exercises art to be practiced very slowly at first using sepearte bows and keeping fingers down when possible.

Practice each of the following bars in the same manner as the above.

Ähnliche Übungen sind auf G und D zu spielen.

Similar exercises are to be played on the G and D strings.

Octaven.

In den folgenden Übungen laße man alle Finger liegen. Die letzte Note des Taktes dient dazu, die Handstellung, sowie auch die Reinheit zu prüfen.

Octaves.

In practicing the following exercises keep all of the fingers down, playing only the under note of what would be the octave. The last note in each bar is a test note and will serve to correct position of the hand as well as the intonation.

Finger auf D Saite. Fingers on D string.

Musical notation for the first exercise on the D string. It consists of three staves of music in 4/4 time, featuring eighth-note patterns and rests. Fingerings are indicated by numbers 1, 2, 3, and 4 below the notes.

Dieselbe Übung auf D und A Saite.

These exercises are to be played on the D and A strings as well.

Musical notation for the second exercise, which is identical to the first but includes diagrams for playing on both the D and A strings. It consists of two staves of music with fingerings and string indicators.

Alle Finger bleiben liegen, die letzte Note des Taktes dient dazu die Reinheit zu prüfen.

Practice these exercises with all fingers down sounding the last note in each bar as a guide for the perfect octave.

Finger auf D Saite. Fingers on D string.

Musical notation for the third exercise on the D string. It consists of two staves of music with fingerings and rests, designed to test intonation by keeping all fingers down.

Fingersatz Octaven.

Um die Hand zu kräftigen, ist diese Übung zuerst sehr langsam und sorgfältig zu üben, mit Gewalt erzielt man nichts— könnte aber nur die Muskeln überreiten und schwächen.

Fingered Octaves.

These exercises must be practiced very carefully at first until the hand becomes strong, as the muscles can easily be strained by careless work.

Ebenso mit 1. und 4. Finger.

Practice these exercises with the ordinary 1st and 4th fingers.

Zur Entwicklung des 3. Fingers.

Exercises for development of the third finger.

Den 3. Finger von einer Saite zur andern schieben ohne aufheben.

Drawing 3rd finger from one string to the other without raising it from the strings.

Den 3. Finger genau senkrecht auf die Saiten setzen, aber die aufrechte Stellung nicht verlieren.

Place the 3rd finger square upon the strings being sure not to let it fall over sideways.

Auch in C und A dur zu spielen.

Play also in C and G major.

Scalen in Flageolets.

Flageolettöne werden durch drei verschiedene Intervalle erzeugt, am häufigsten durch die reine Quarte, dann durch die reine Quinte, und auch durch die große Terz. Die untere Note dieser Intervalle ist stets der natürliche Ton, der obere, welchen die Saite nur leicht berührt erzeugt den Flageoletton.

Scales Harmonics.

Starting with the open G string, it will be seen that there are three varieties of harmonics possible, the first or ordinary kind produced by a fourth above. The second produced by a fifth and the third produced by touching the string a major third above.

I. G dur. G major. Tone effect.

G. Saite. G string.

II. D dur. D major. Tone effect.

D dur. *D major.*

Musical score for D major. The right hand (treble clef) has a key signature of two sharps (F# and C#). The left hand (bass clef) has a key signature of two flats (Bb and Eb). Fingerings are indicated by numbers 1-4 above or below notes. The piece consists of 16 measures.

E dur. *E major.*

Musical score for E major. The right hand (treble clef) has a key signature of three sharps (F#, C#, and G#). The left hand (bass clef) has a key signature of two flats (Bb and Eb). Fingerings are indicated by numbers 1-4 above or below notes. The piece consists of 16 measures.

F dur. *F major.*

Musical score for F major. The right hand (treble clef) has a key signature of one flat (Bb). The left hand (bass clef) has a key signature of three flats (Bb, Eb, and Ab). Fingerings are indicated by numbers 1-4 above or below notes. The piece consists of 16 measures.

G dur. *G major.*

Musical score for G major. The right hand (treble clef) has a key signature of one sharp (F#). The left hand (bass clef) has a key signature of two flats (Bb and Eb). Fingerings are indicated by numbers 1-4 above or below notes. The piece consists of 16 measures.

A dur. *A major.*

Musical score for A major. The right hand (treble clef) has a key signature of three sharps (F#, C#, and G#). The left hand (bass clef) has a key signature of two flats (Bb and Eb). Fingerings are indicated by numbers 1-4 above or below notes. The piece consists of 16 measures.

B dur. B major.

Pizzicato der linken Hand.

Übungen für alle Saiten mit verschiedenen Fingersätzen.

Left hand pizzicato.

Exercises for the different strings with various fingerings.

Diese Figur auch auf den andern Saiten.

| *Same figure on the other three strings.*

Decimen.

Tenths.

The first system shows two staves of music. The top staff is labeled 'Decimen.' and contains four measures of music, each with a '4' above it indicating a four-measure rest. The bottom staff is labeled 'Tenths.' and contains four measures of music, each with a '4' above it. The notes are on a G-clef staff with a key signature of one sharp (F#).

Ebenso auf den andern Saiten (D, A und A, E).

Practice same exercise on the (D, A and A, E) strings.

The second system shows two staves of music. The top staff is labeled 'Decimen.' and contains four measures of music, each with a '4' above it. The bottom staff is labeled 'Tenths.' and contains four measures of music, each with a '4' above it. The notes are on a G-clef staff with a key signature of one sharp (F#).

Ebenso wie Octaven zu üben. Die letzte Note des Taktes dient dazu, die Handstellung, sowie auch die Reinheit zu prüfen.

Practice tenths in the same manner as the octave studies first the lower tones seperately and then the upper, using the last tenth in each bar as a test for intonation.

The third system shows two staves of music. The top staff is labeled 'Decimen.' and contains four measures of music, each with a '4' above it. The bottom staff is labeled 'Tenths.' and contains four measures of music, each with a '4' above it. The notes are on a G-clef staff with a key signature of one sharp (F#).

Jeden Takt einzeln üben; zuerst sehr langsam dann allmählich schneller.

Each bar is to be practiced repeatedly, slowly at first then increasing the speed.

The fourth system shows two staves of music. The top staff is labeled 'Decimen.' and contains four measures of music, each with a '4' above it. The bottom staff is labeled 'Tenths.' and contains four measures of music, each with a '4' above it. The notes are on a G-clef staff with a key signature of one sharp (F#).

The fifth system shows two staves of music. The top staff is labeled 'Decimen.' and contains four measures of music, each with a '4' above it. The bottom staff is labeled 'Tenths.' and contains four measures of music, each with a '4' above it. The notes are on a G-clef staff with a key signature of one sharp (F#).

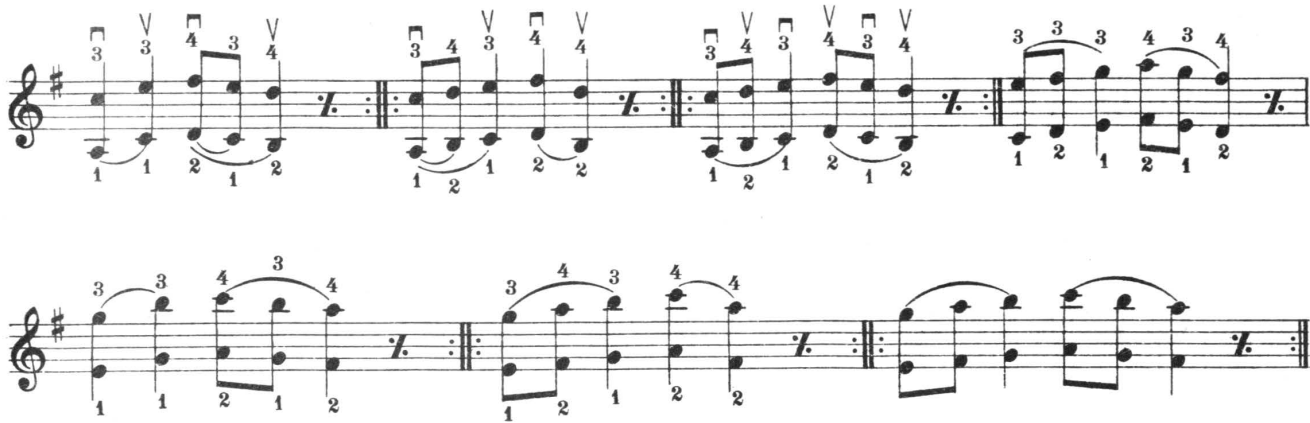


Fingersatz Decimen.

Nur für große Hände und für Ausdehnung der Finger bestimmt.

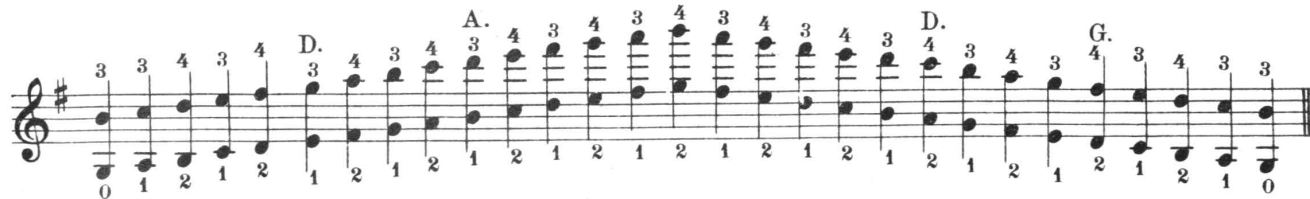
Fingered tenths.

These are only intended for long fingers and then only as exercises for stretching the hand.



Ebenso auf den andern Saiten (E, A).

Same on the (E) and (A strings).



Zur Ausdehnung der Finger.

Den 2. Finger liegen lassen wenn möglich auch den 1. Finger.

Exercise for stretching the fingers.

Hold the 2nd finger down and if possible the first finger also.

