Herbert Lindholm

Basic Flute Technique

Peruskuviot huilulle

op. 26

Basic Flute Technique

Foreword

This book has the same goal as a teacher should have; to make himself unnecessary. Its purpose is to help young flute teachers in their work. It's not always easy to invent suitable finger and sound exercises, but I hope that this book will inspire teachers to find the endless variations that basic flute exercises can have, if one has a creative mind.

The fundamental premise is that the development of basic skills happens best by practising without music, and by concentrating on the playing only.

"Basic Flute Technique" works mainly as a collection of teaching ideas, whereby a teacher can choose and adapt the practice material for the student's needs. The foundation for most of the exercises are the five first notes of the major scale, which are used as the basic figure for building up the finger technique. Using the same method, one can also vary exercises in books like; M. A. Reichert: "Daily exercises", op. 5, Taffanel-Gaubert: "17 Big Daily Finger Exercises" and E. Köhler: "Schule der Geläufigkeit".

Kuopio, 1994 The Author

Translated by Outi and Paul Svoboda

Peruskuviot huilulle

Esipuhe

Tällä nuottivihkolla on sama funktio kuin opettajalla; tehdä itsensä tarpeettomaksi. Sen tarkoitus on auttaa nuoria aloittelevia huilupedagogeja heidän työssään. Sopivien sormi- ja ääniharjoitusten keksiminen ei aina ole kovin helppoa, joten toivon, että tämä vihko inspiroisi opettajan löytämään ne loputtomat variaatiomahdollisuudet, joita huilun perusharjoituksissa voi luovalla kekseliäisyydellä olla. Lähtökohtana on, että perustaitojen kehittäminen tapahtuu parhaiten harjoittelemalla ilman nuotteja ja keskittymällä itse asiaan.

"Peruskuviot huilulle" toimii lähinnä eräänlaisena materiaalivarastona, josta opettaja voi poimia ja soveltaa tarvitsemaansa harjoitusaineistoa kulloisiinkin oppilaan tarpeisiin. Perustana suurelle osalle harjoituksista on duuriasteikon viisi ensimmäistä säveltä, joita tekijä käyttää peruskuviona sormitekniikan rakentamisessa. Samalla keinolla voi edelleen muunnella esimerkiksi M. A. Reichertin "Tägliche Übungen", op. 5, Taffanel-Gaubertin "17 Big Daily Finger exercises" tai Köhlerin "Schule der Geläufigkeit".

Kiitän Outi ja Paul Svobodaa käännöstyön avusta.

Kuopiossa 1994 Tekijä

Basic Flute Technique

Peruskuviot huilulle

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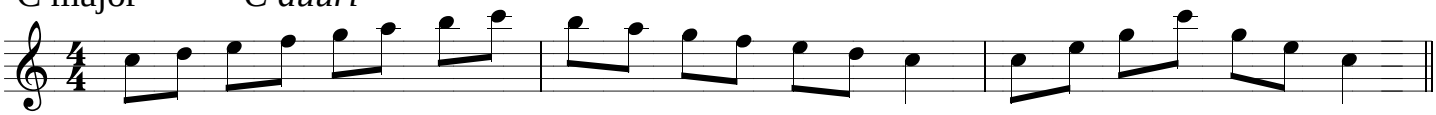
Herbert Lindholm

Basic Flute Technique • Peruskuviot huilulle

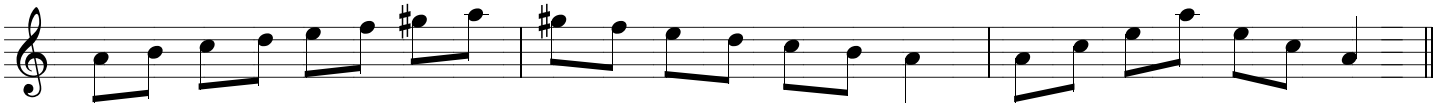
I Scales • Asteikkoja

EASY SCALES
HELPPOJA ASTEIKKOJA

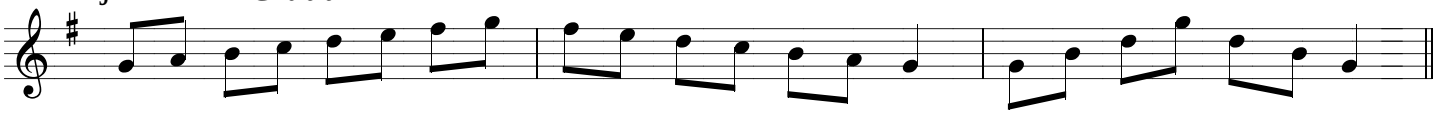
C major *C duuri*



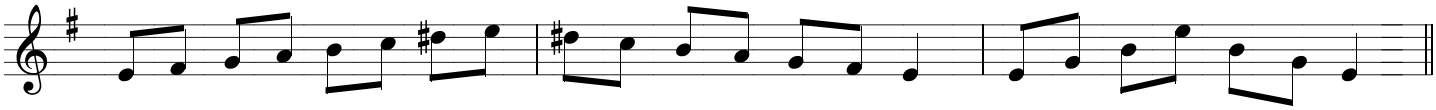
A minor (harmonic minor) *a molli (harmoninen molli)*



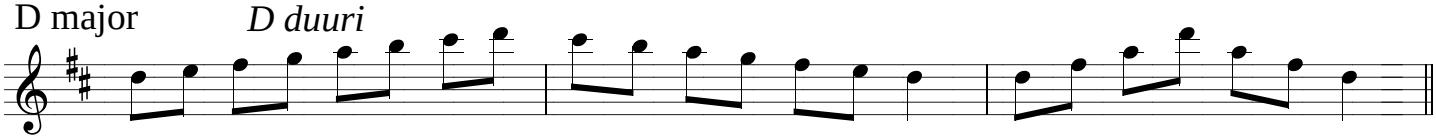
G major *G duuri*



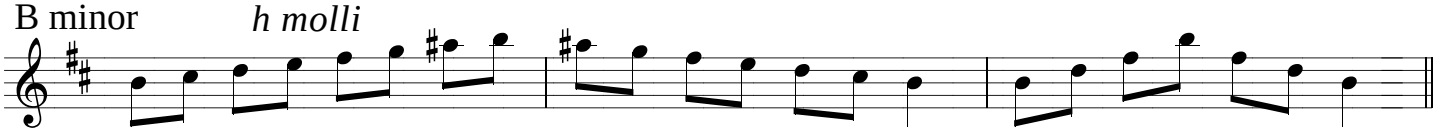
E minor *e molli*



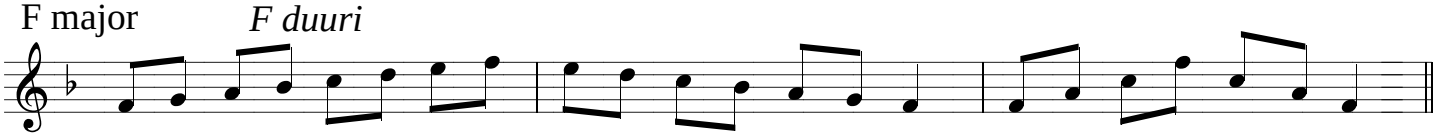
D major *D duuri*



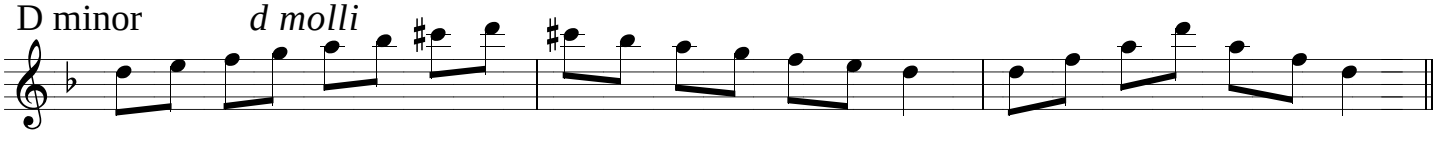
B minor *h molli*



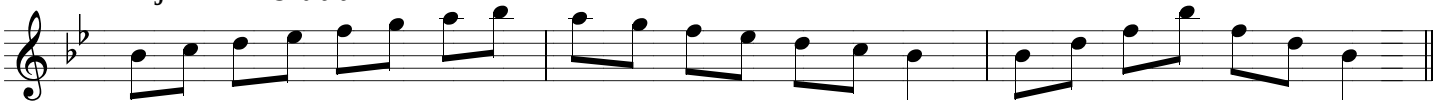
F major *F duuri*



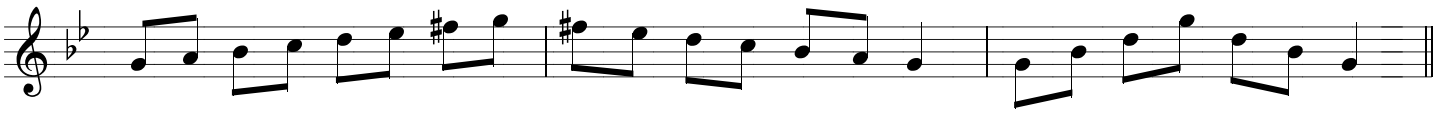
D minor *d molli*



B flat major *Bb duuri*

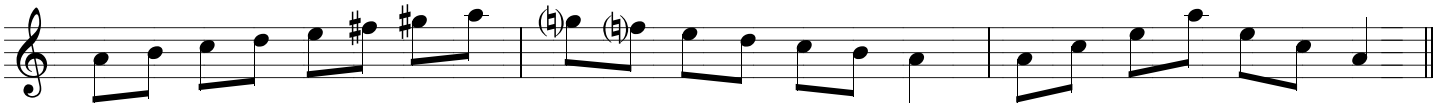


G minor *g molli*

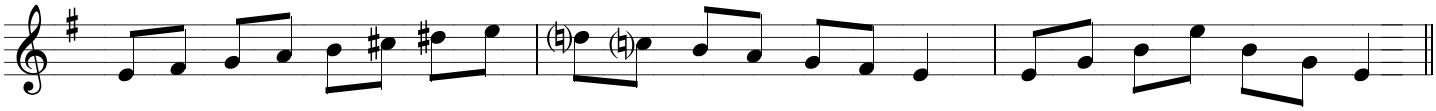


Melodic minor • *Melodinen molli*

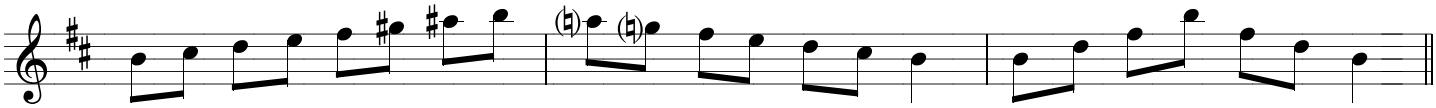
A minor *a molli*



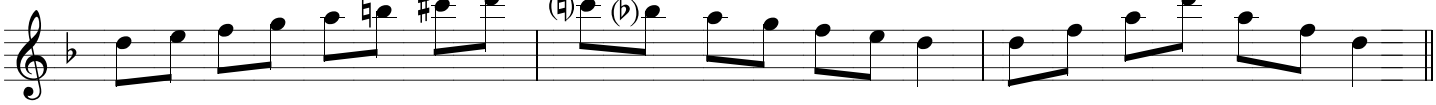
E minor *e molli*



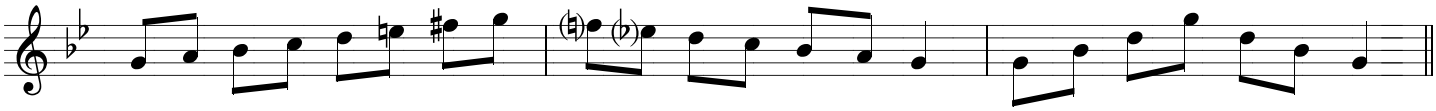
B minor *h molli*



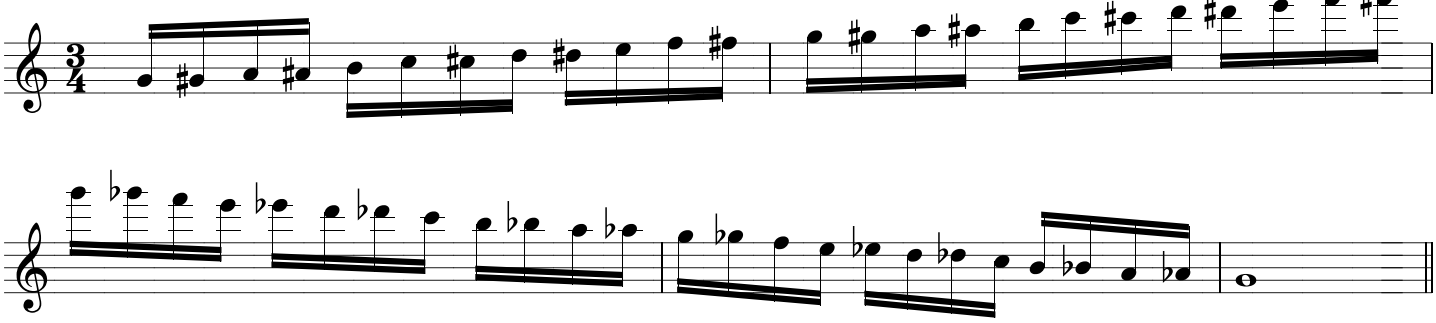
D minor *d molli*



G minor *g molli*

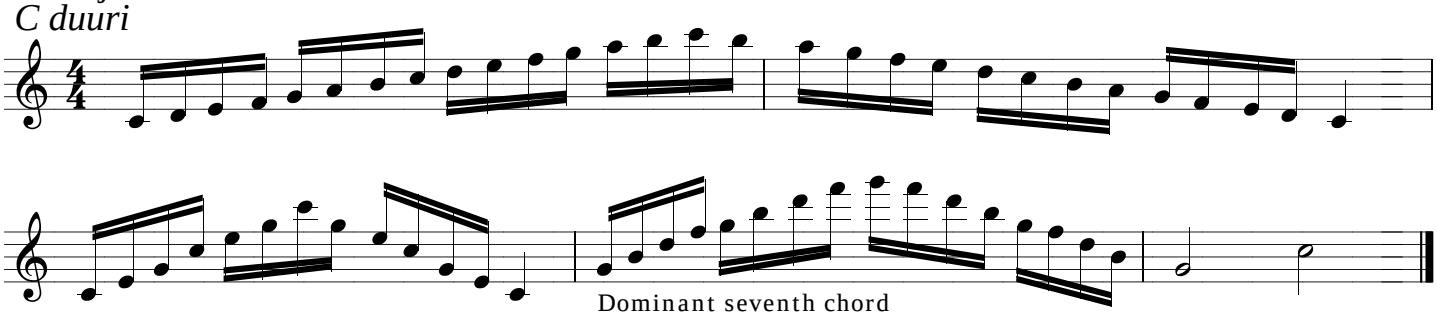


Chromatic scale • *Kromaattinen asteikko*



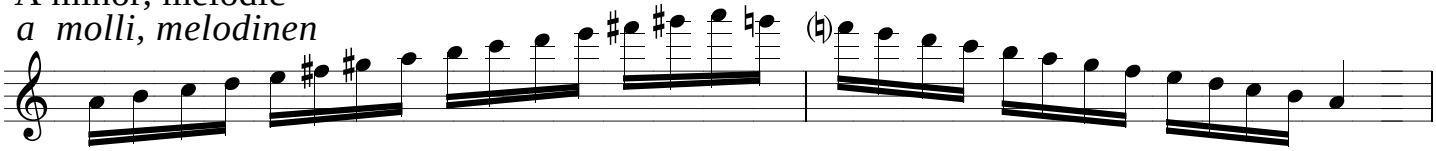
EXTENDED SCALES • *ASTEIKKOJA LAAJEMMIN*

C major
C duuri

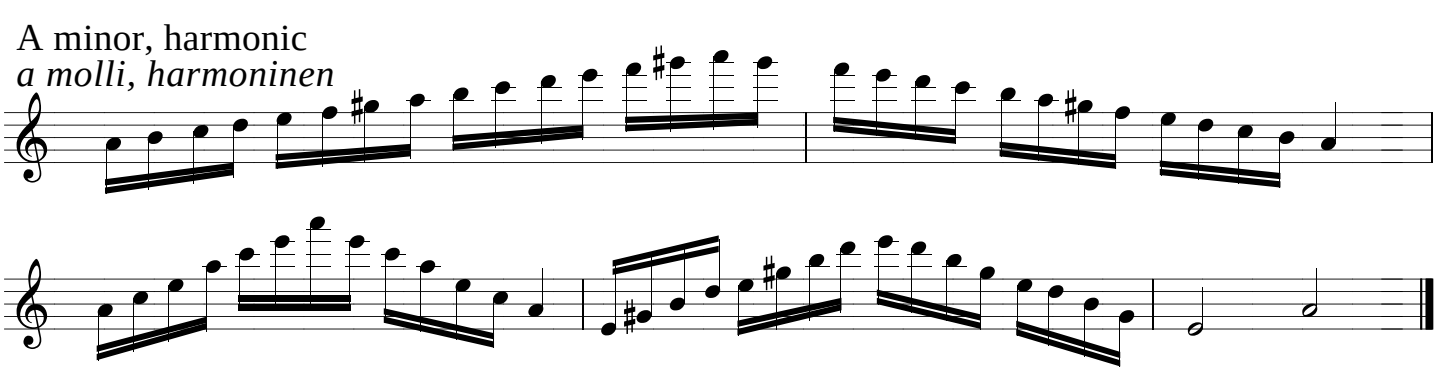


Dominant seventh chord
Dominanttiseptimisointu

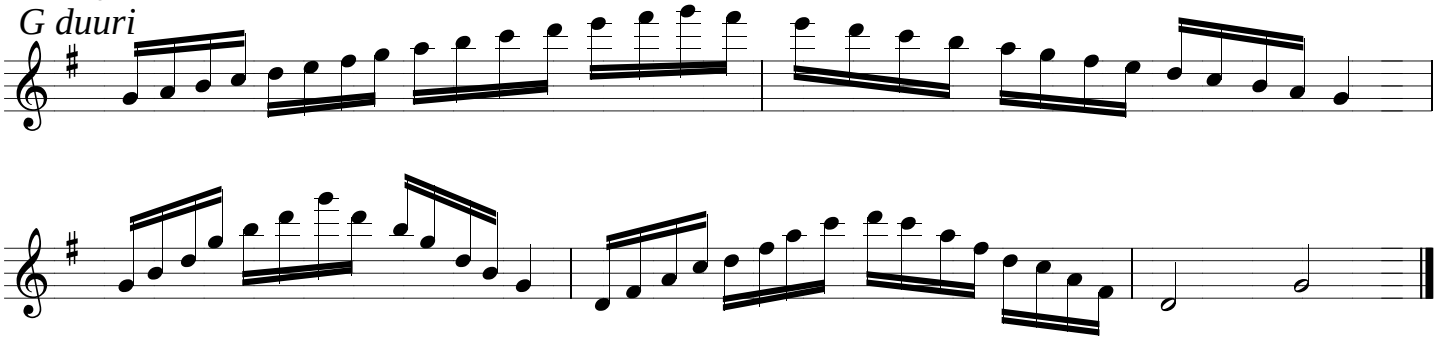
A minor, melodic
a molli, melodinen



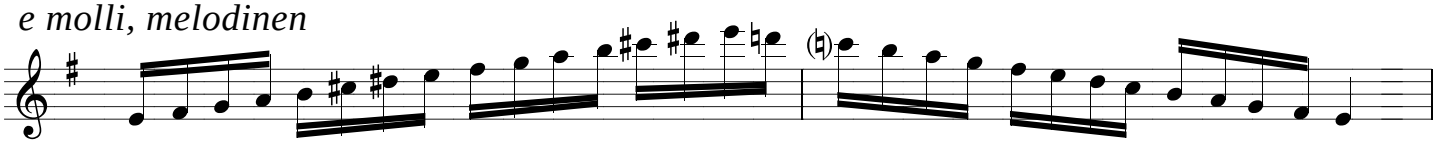
A minor, harmonic
a molli, harmoninen



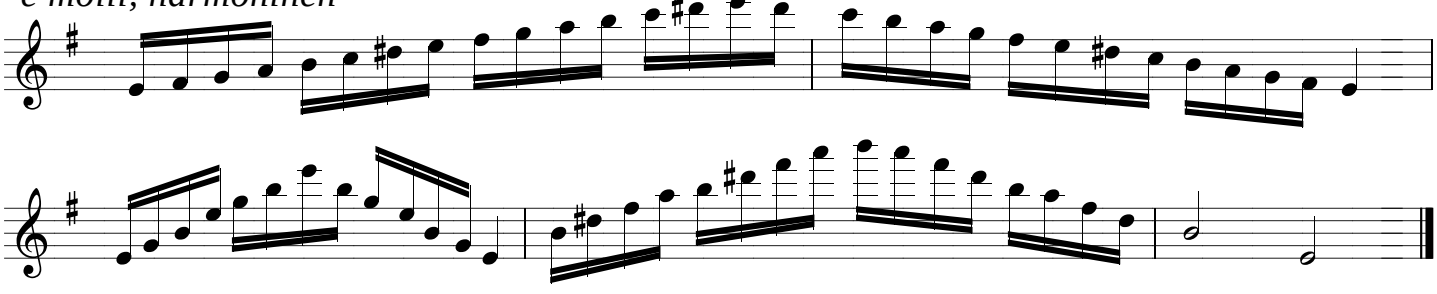
G major
G duuri



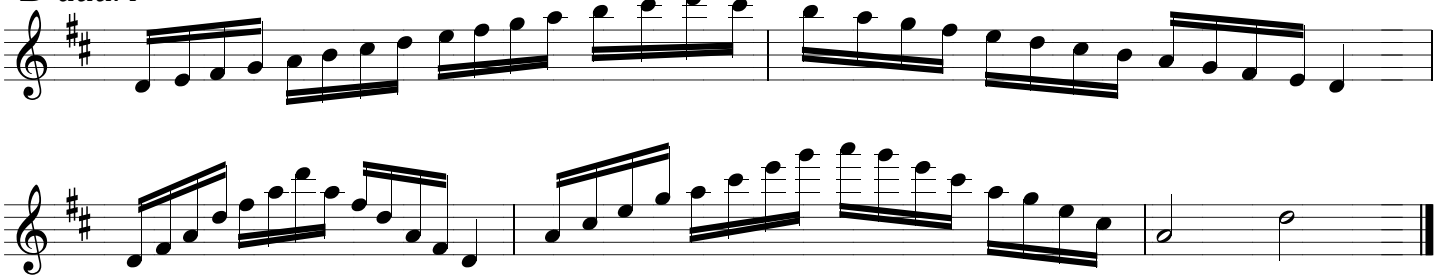
E minor, melodic
e molli, melodinen



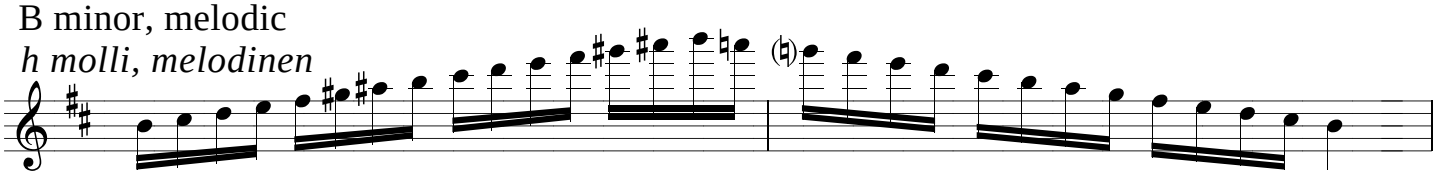
E minor, harmonic
e molli, harmoninen



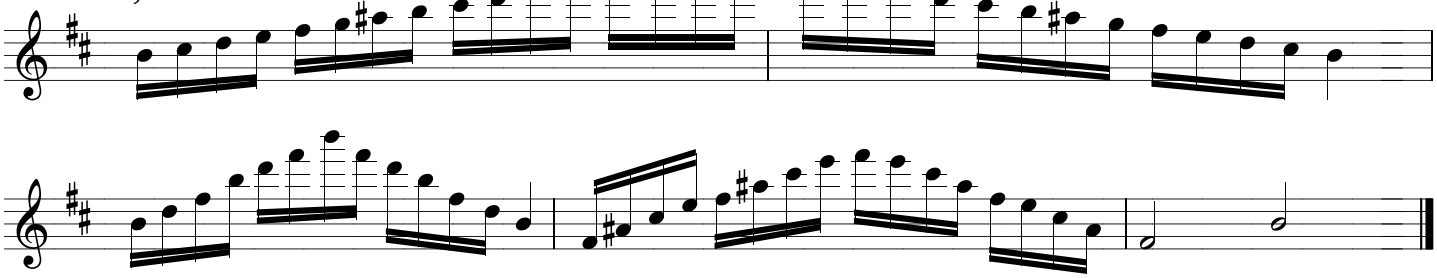
D major
D duuri



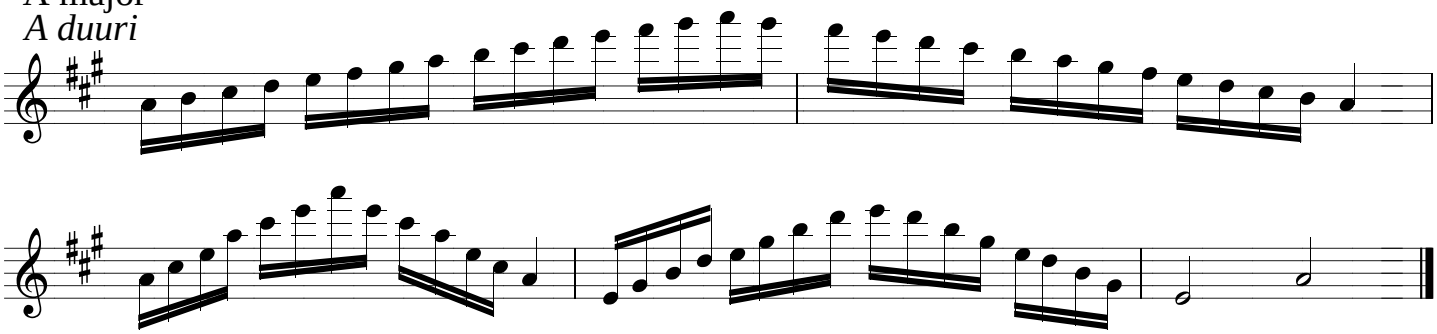
B minor, melodic
h molli, melodinen



B minor, harmonic
h molli, harmoninen

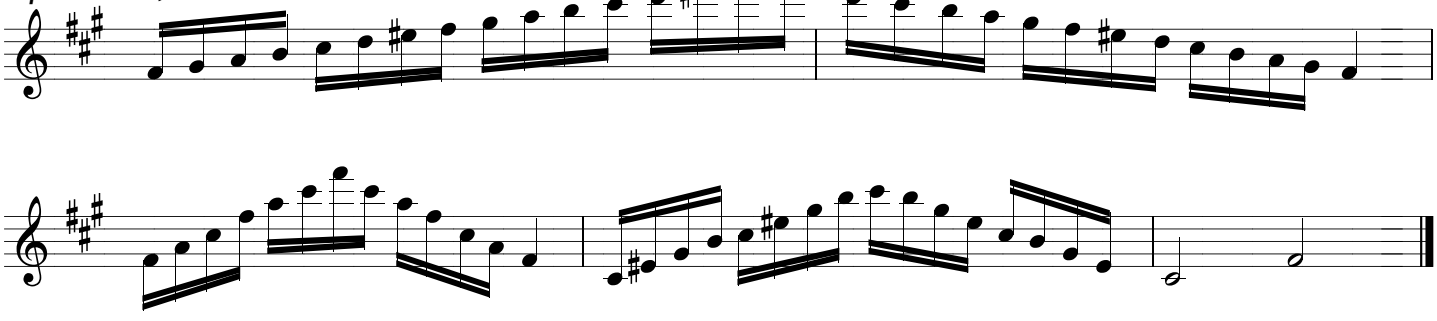


A major
A duuri

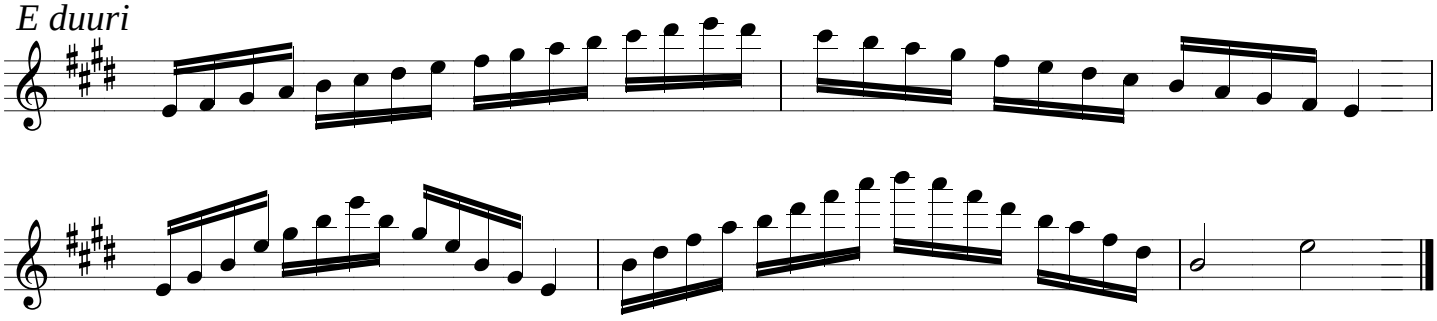


F sharp minor, melodic
fis molli, melodinen

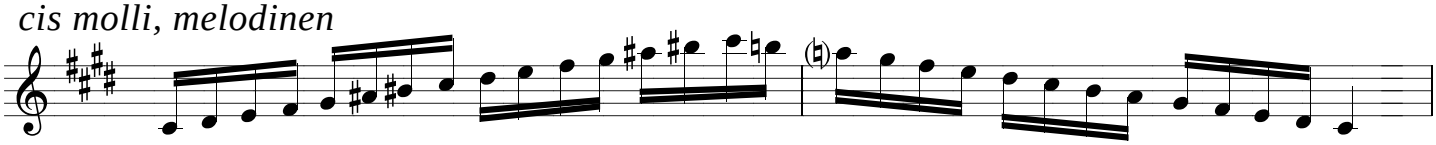
F sharp minor, harmonic
fis molli, harmoninen



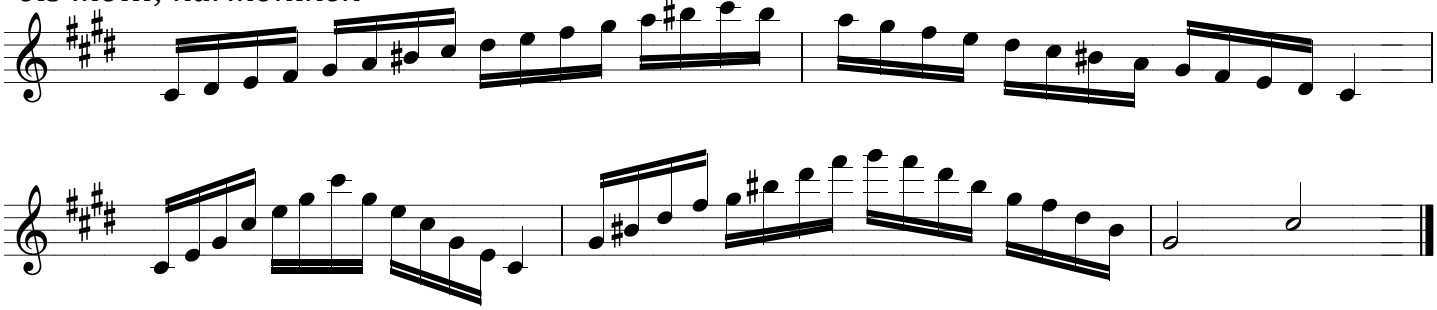
E major
E duuri



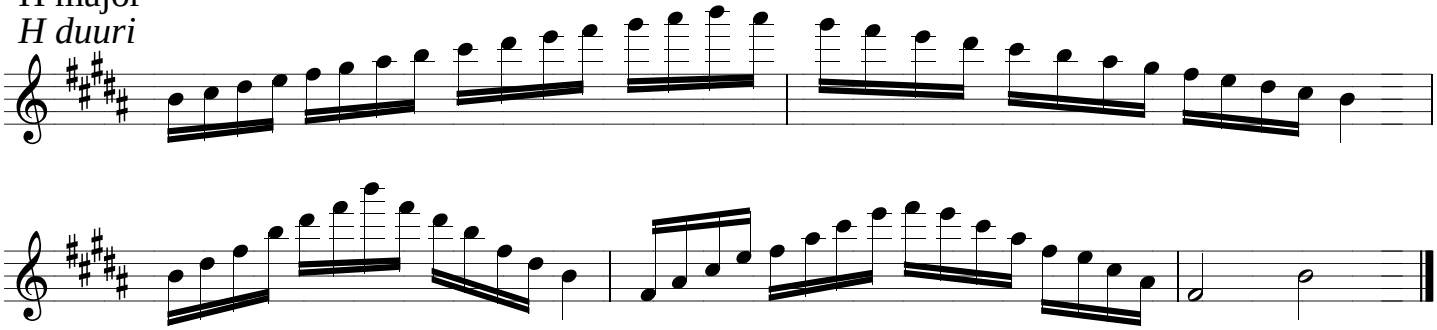
C sharp minor, melodic
cis molli, melodinen



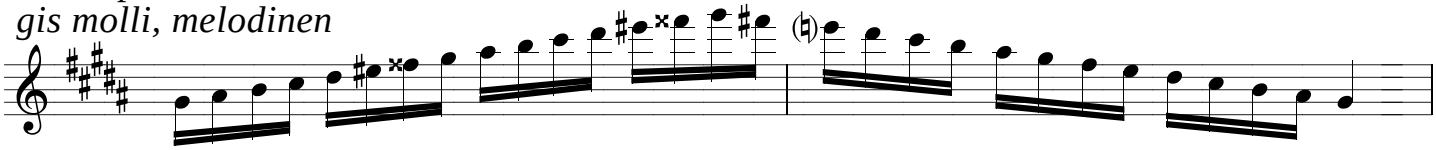
C sharp minor, harmonic
cis molli, harmoninen



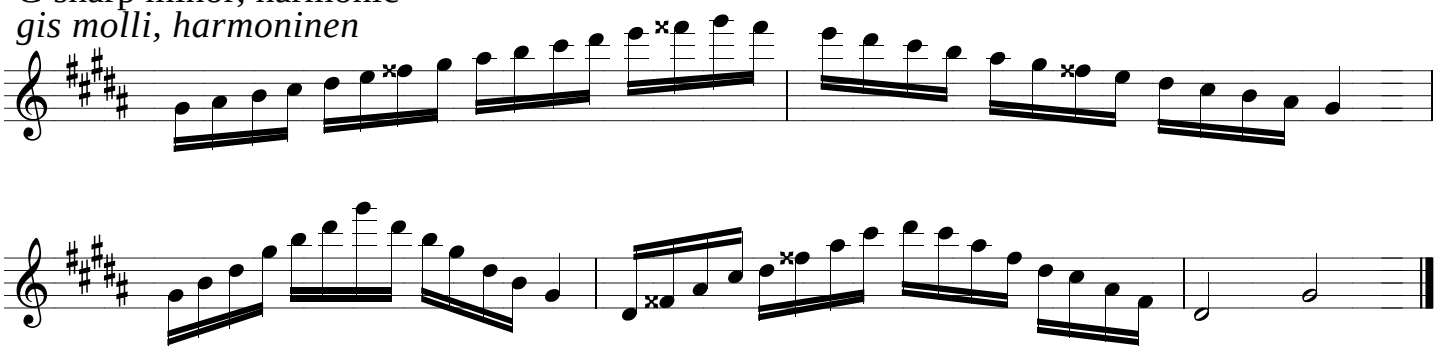
H major
H duuri



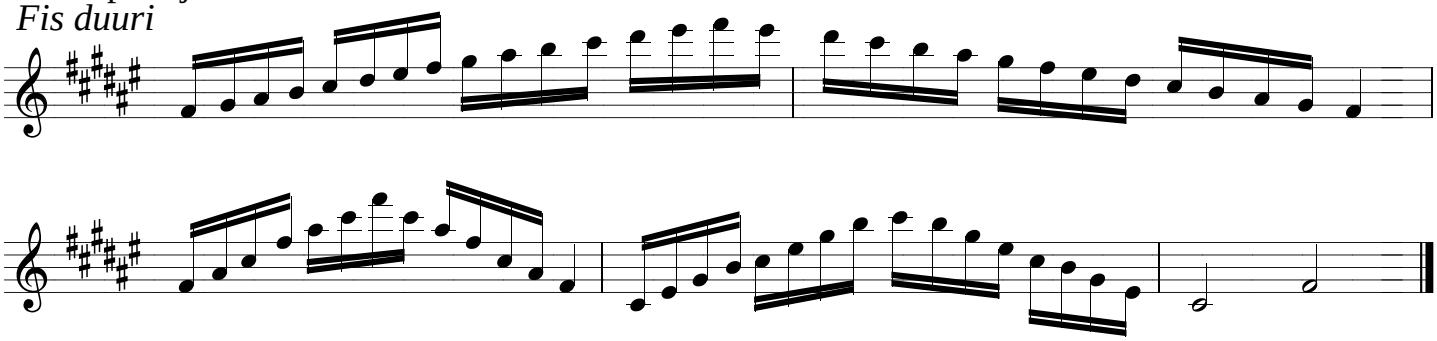
G sharp minor, melodic
gis molli, melodinen



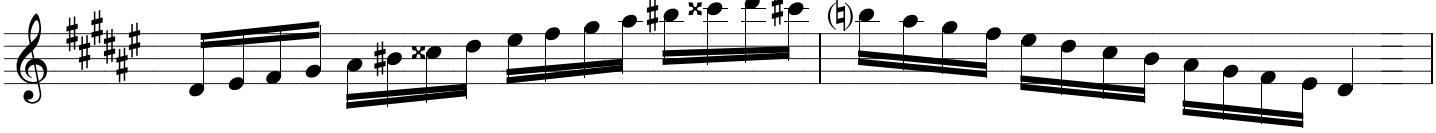
G sharp minor, harmonic
gis molli, harmoninen



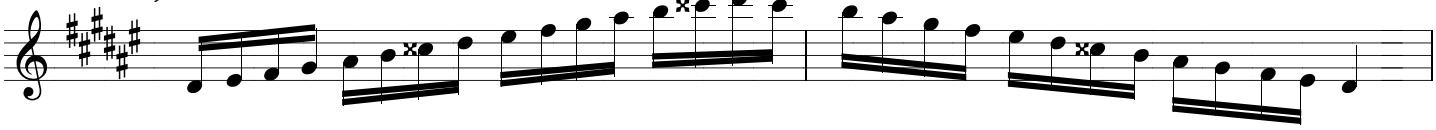
F sharp major
Fis duuri

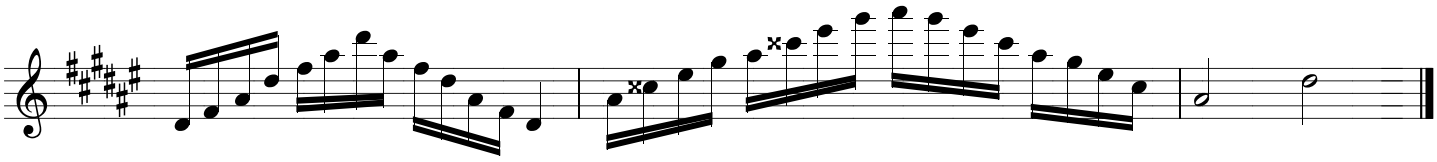


D sharp minor, melodic
dis molli, melodinen

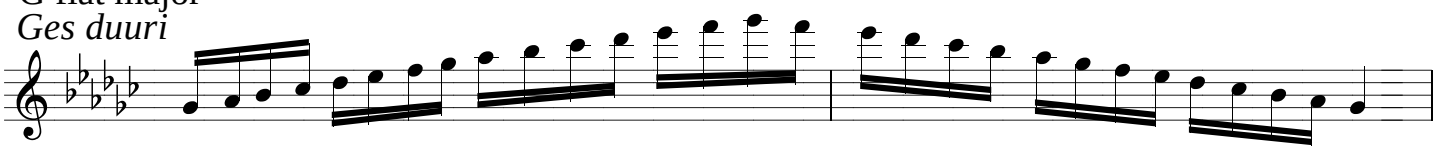


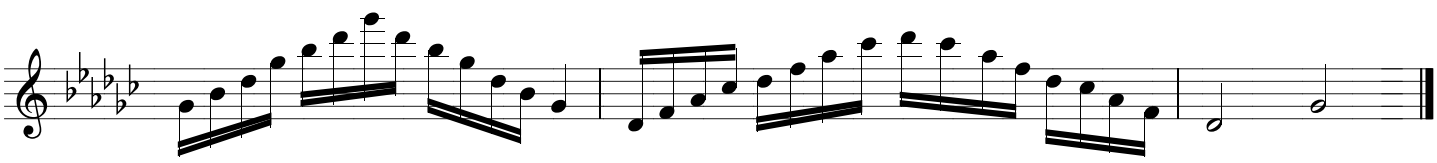
D sharp minor, harmonic
dis molli, harmoninen



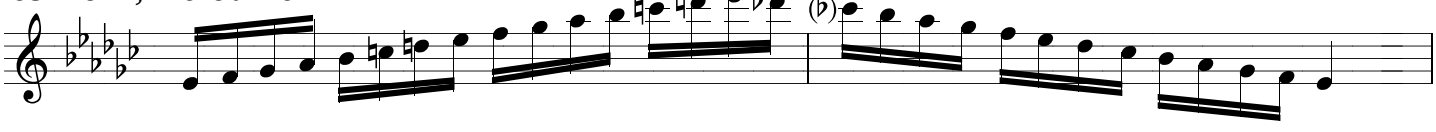


G flat major
Ges duuri

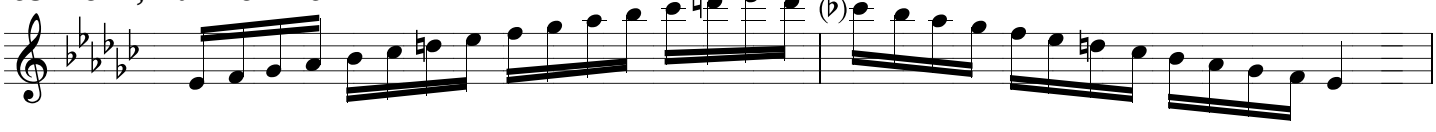


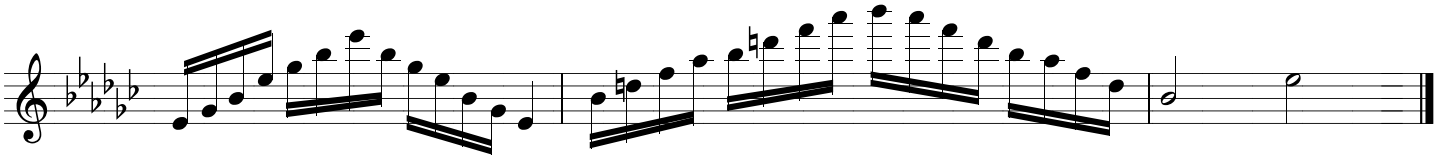


E flat minor, melodic
es molli, melodinen

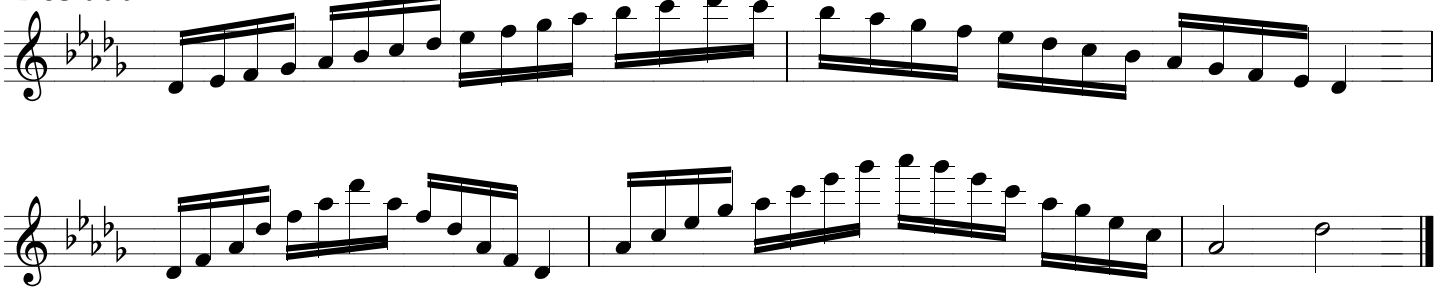


E flat minor, harmonic
es molli, harmoninen

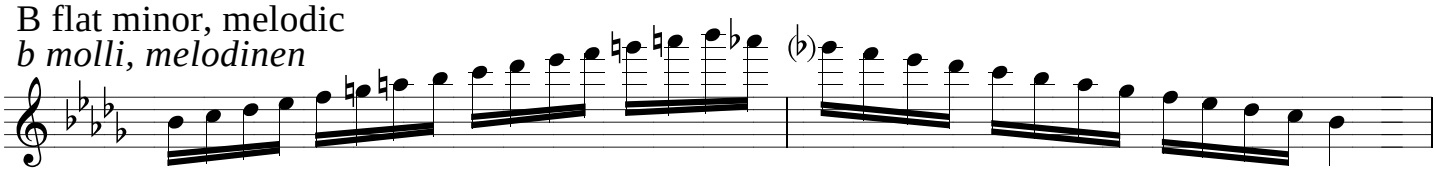




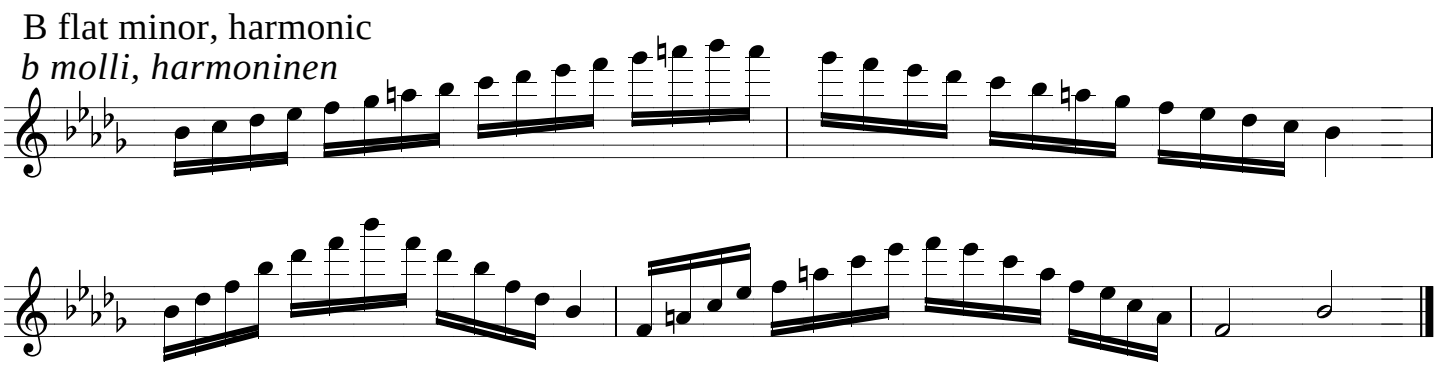
D flat major
Des duuri



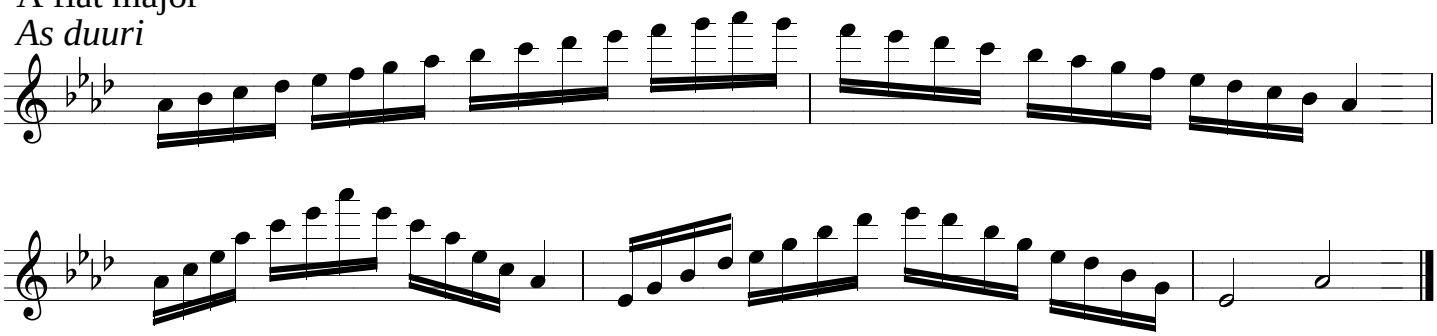
B flat minor, melodic
b molli, melodinen



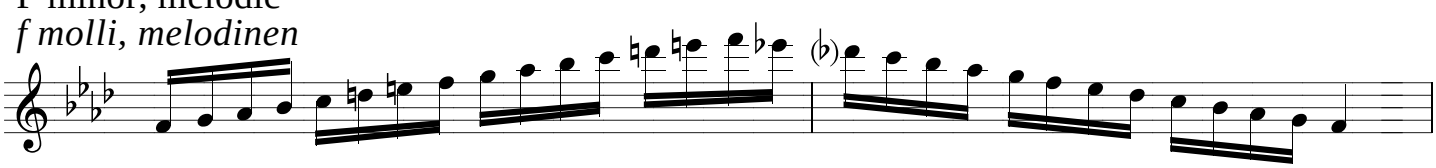
B flat minor, harmonic
b molli, harmoninen



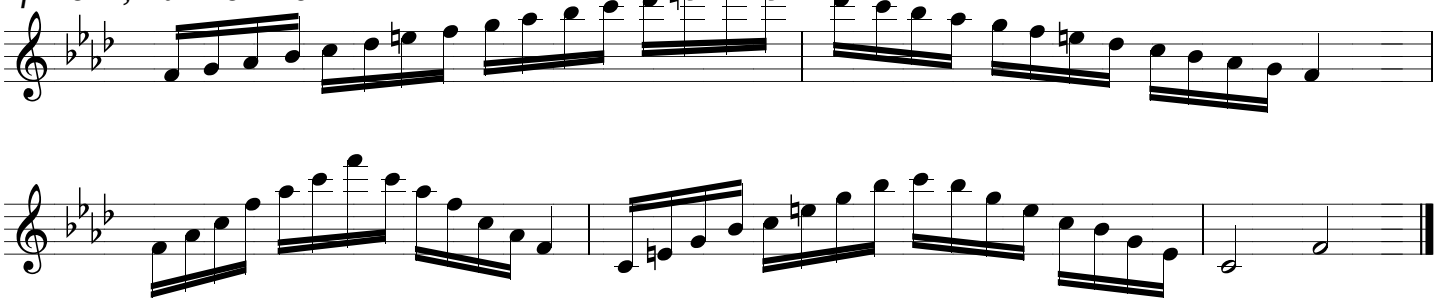
A flat major
As duuri



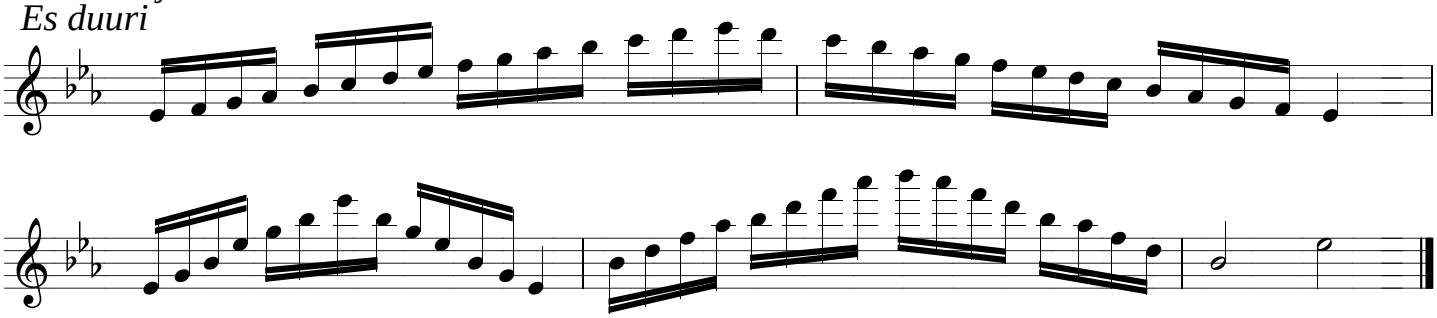
F minor, melodic
f molli, melodinen



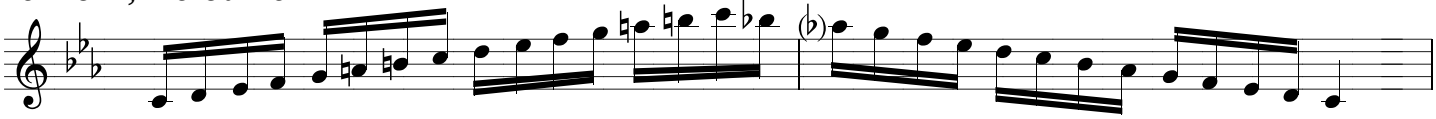
F minor, harmonic
f molli, harmoninen



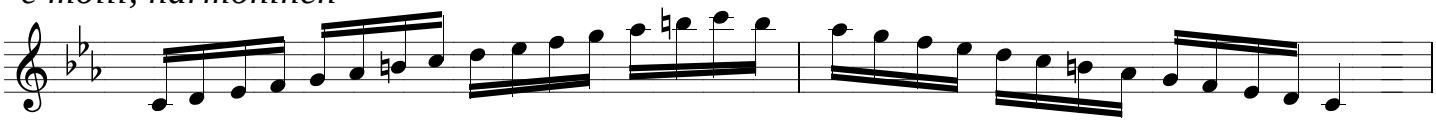
E flat major
Es duuri

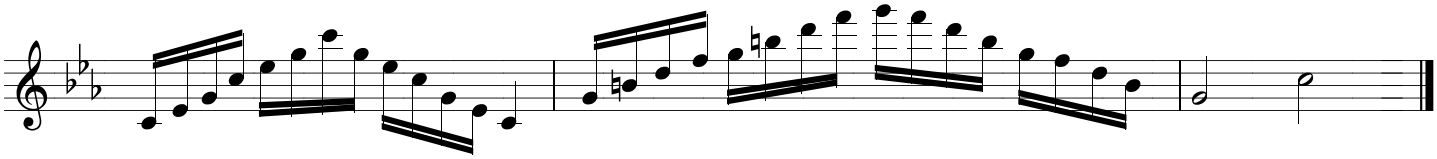


C minor, melodic
c molli, melodinen

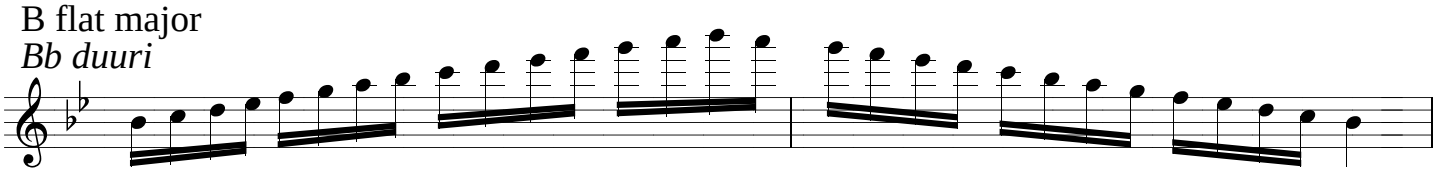


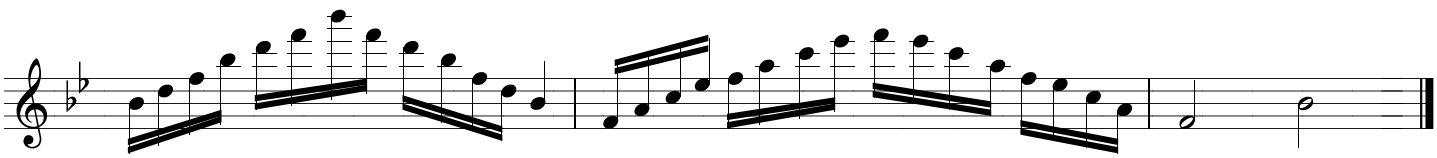
C minor, harmonic
c molli, harmoninen



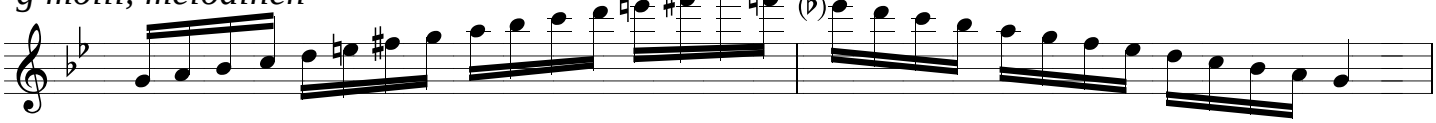


B flat major
Bb duuri

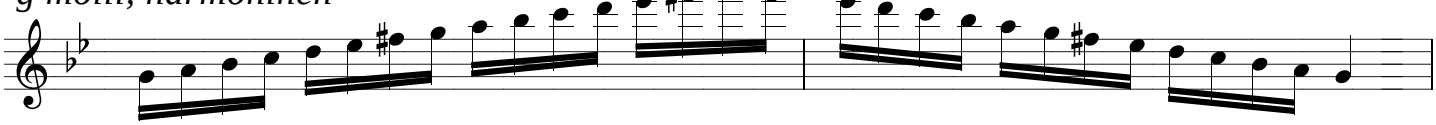


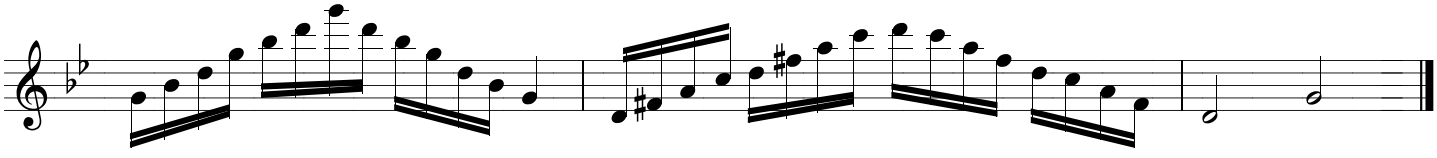


G minor, melodic
g molli, melodinen

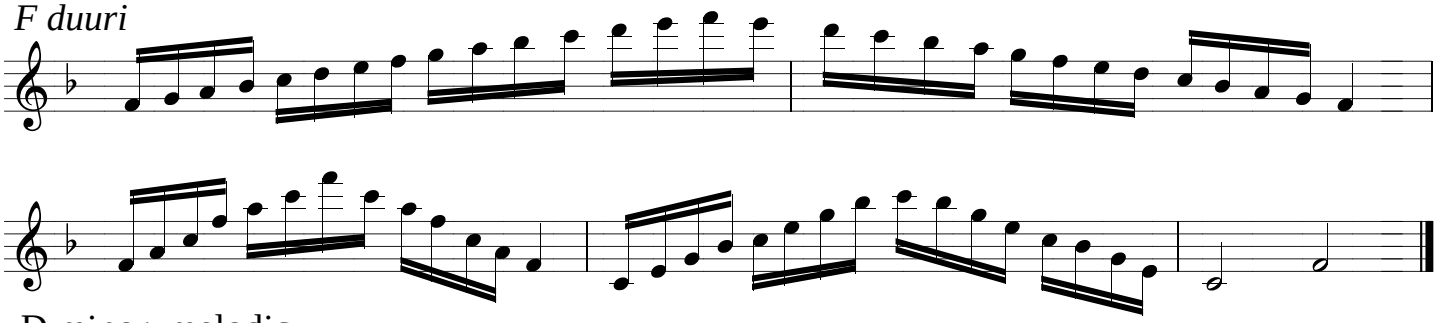


G minor, harmonic
g molli, harmoninen

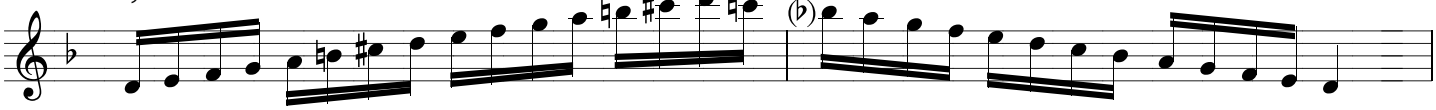




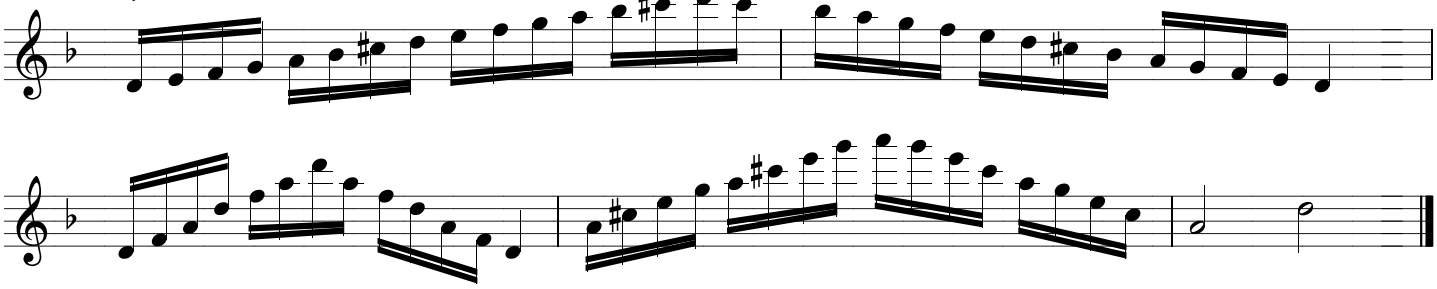
F major
F duuri



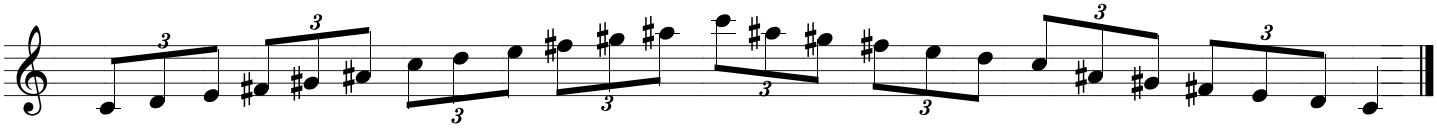
D minor, melodic
d molli, melodinen



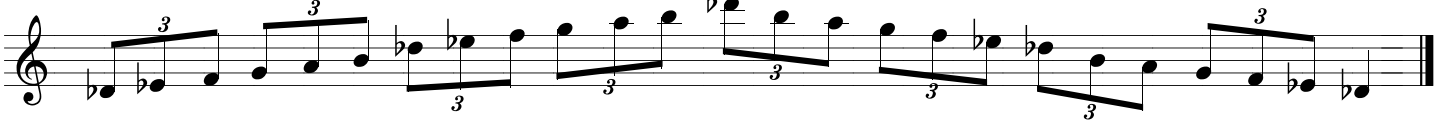
D minor, harmonic
d molli, harmoninen



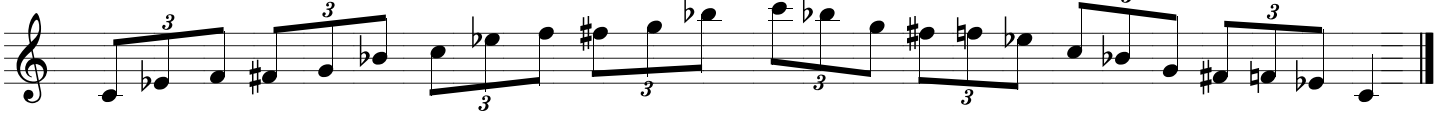
Whole tone scale 1
kokosävelasteikko 1



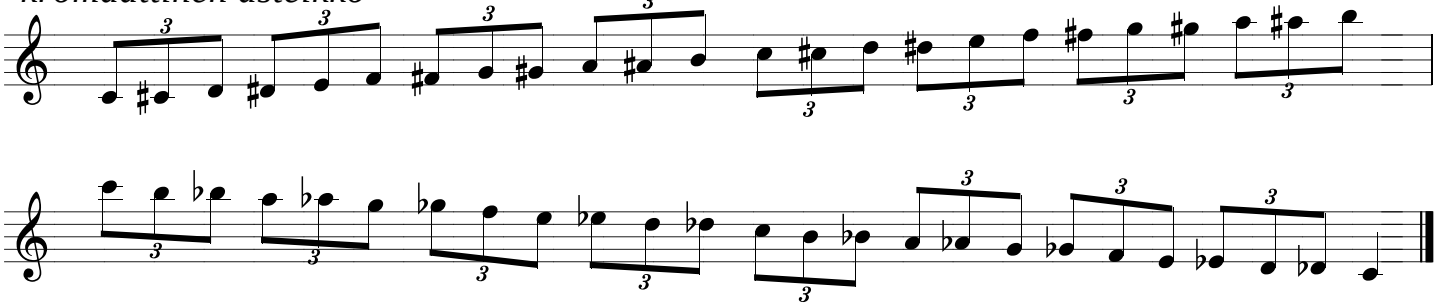
Whole tone scale 2
kokosävelasteikko 2



Blues scale
blues-asteikko



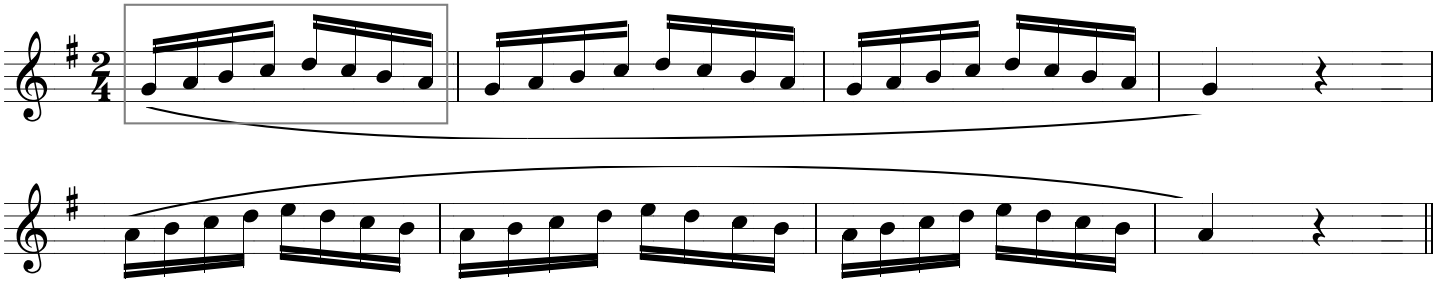
Chromatic scale
kromaattinen asteikko



II Technical patterns • Tekniikan peruskuvioita

PATTERN 1, diatonic "step" method

PERUSKUVIO 1, diatoninen etenemisjärjestys

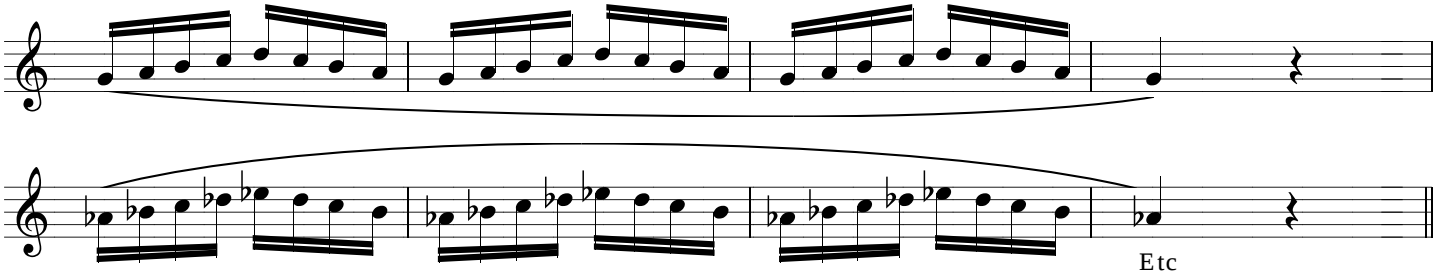


Etc step by step upwards with teacher's advice!

Jne askelettain ylöspäin opettajan harkitsemaan säveleen asti!

PATTERN 1, chromatic step method

PERUSKUVIO 1, kromaattinen etenemisjärjestys

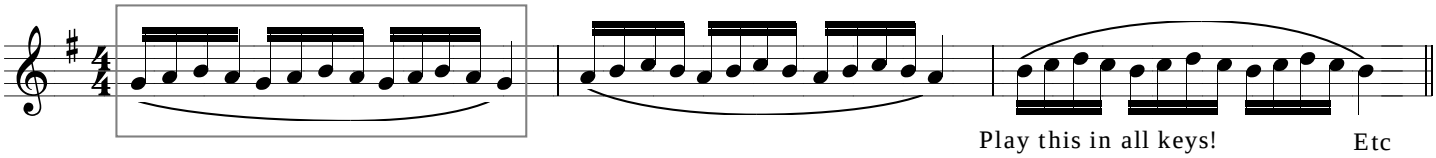


Etc

Jne

PATTERN 2, diatonic step method

PERUSKUVIO 2, diatoninen järjestys

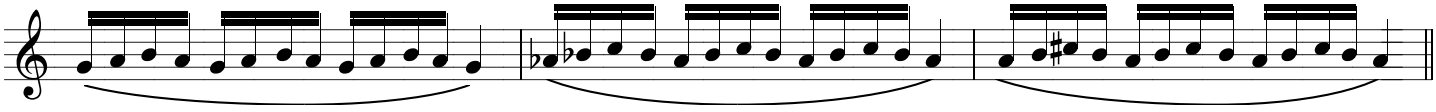


Play this in all keys! Etc

Soita kaikissa sävellajeissa! Jne

PATTERN 2, chromatic step method

PERUSKUVIO 2, kromaattinen järjestys

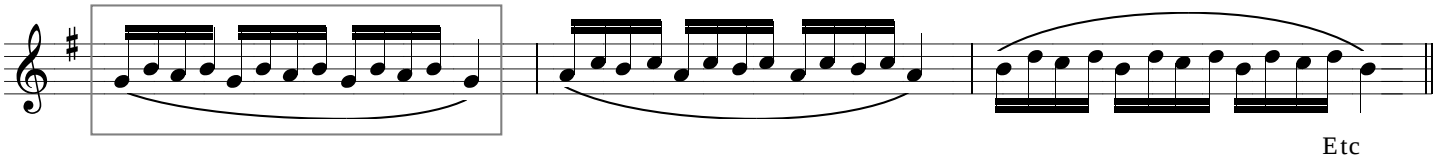


Etc

Jne

PATTERN 3, diatonic step method

PERUSKUVIO 3, diatoninen järjestys

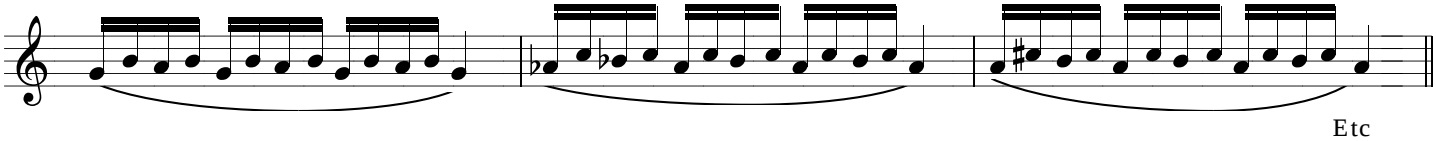


Etc

Jne

PATTERN 3, chromatic step method

PERUSKUVIO 3, kromaattinen järjestys

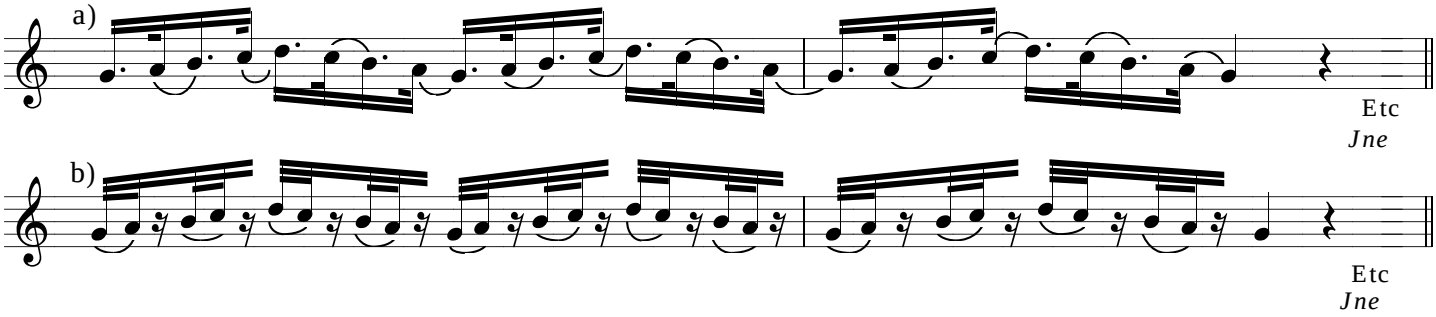


Etc

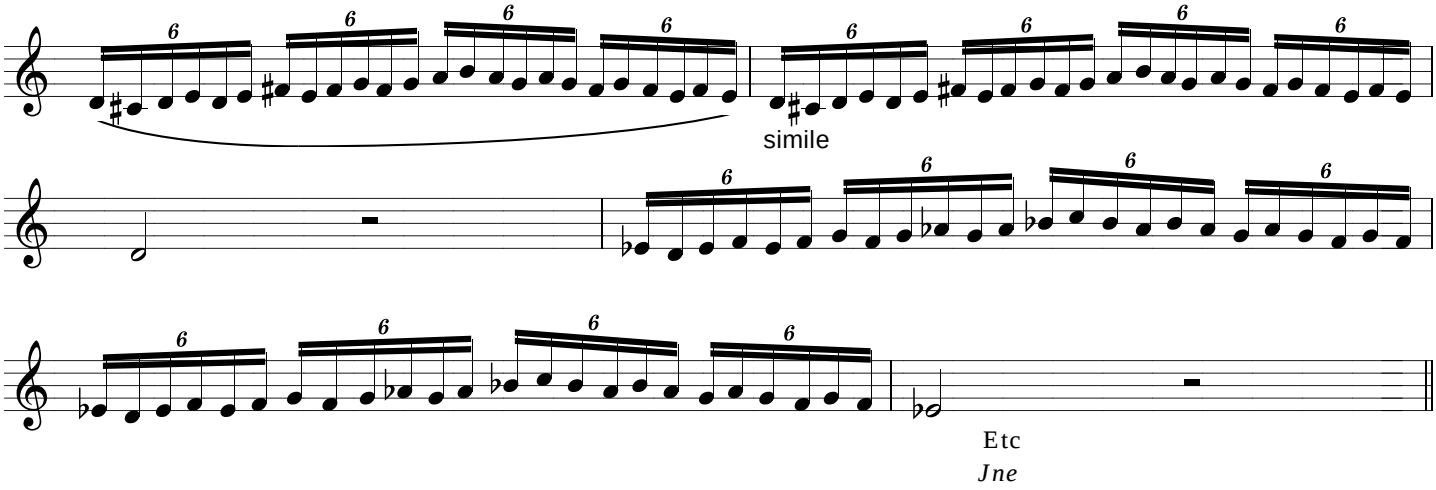
Jne

VARIATIONS OF TECHNICAL PATTERNS
PERUSKUVIOITTEN VARIAATIOITA

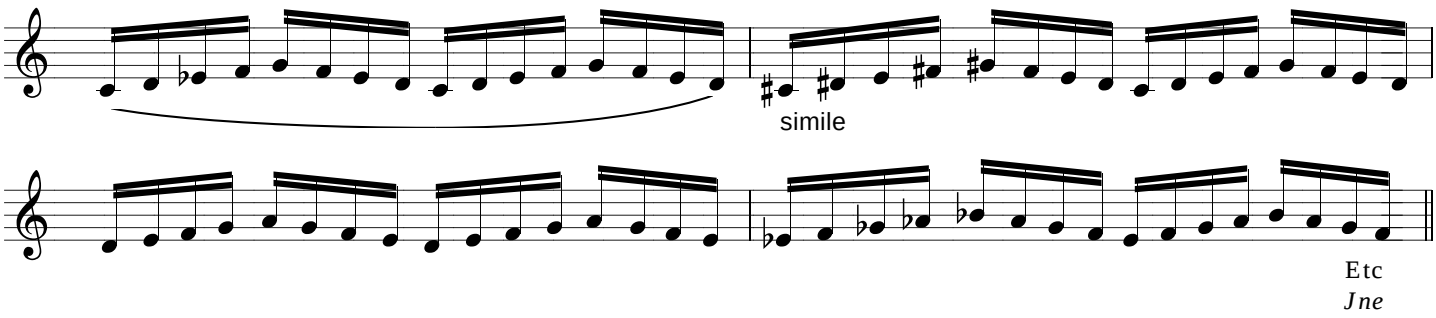
Rhythmic variations, diat. and chrom. step method
Rytmimuunnelmia, diat. ja kromaat. järjestys



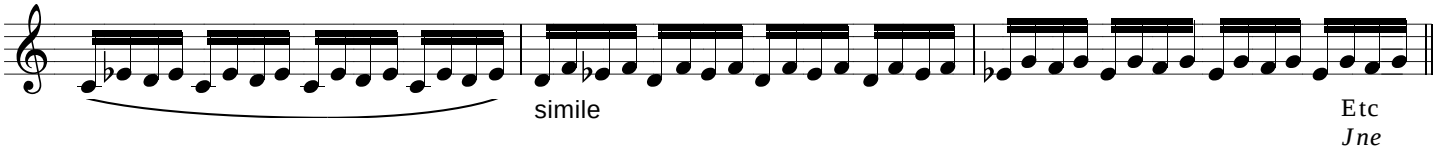
Neighbour tone variations, diat and chrom. step method
Sivusävelmuunnelma, diat. ja kromaat. järjestys



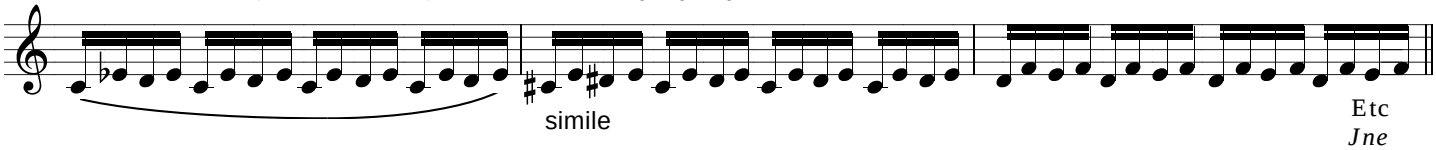
Minor variations, chrom. step method
Mollivariaatio, kromaattinen järjestys



Minor variations, (harmonic) diat. step method
Mollivariaatio, (harmoninen) diatoninen järjestys

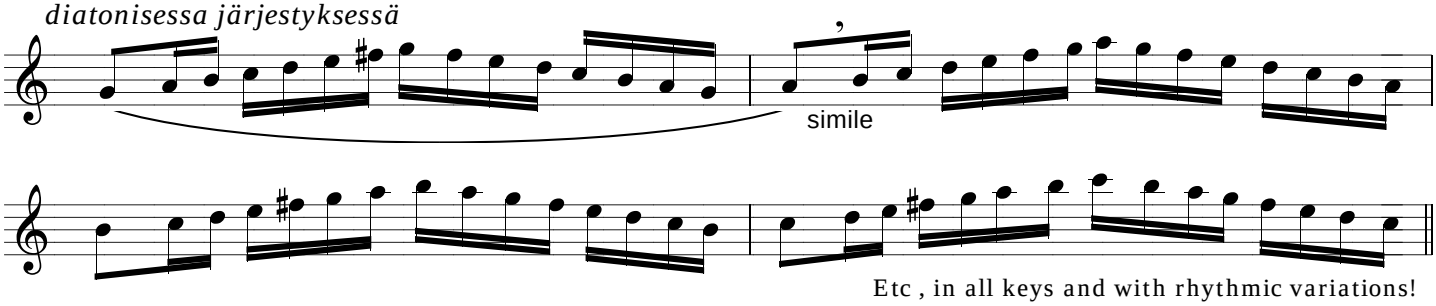


Minor-variation, (harmonic) chrom. step method
Mollivariaatio, (harmoninen) kromaattinen järjestys



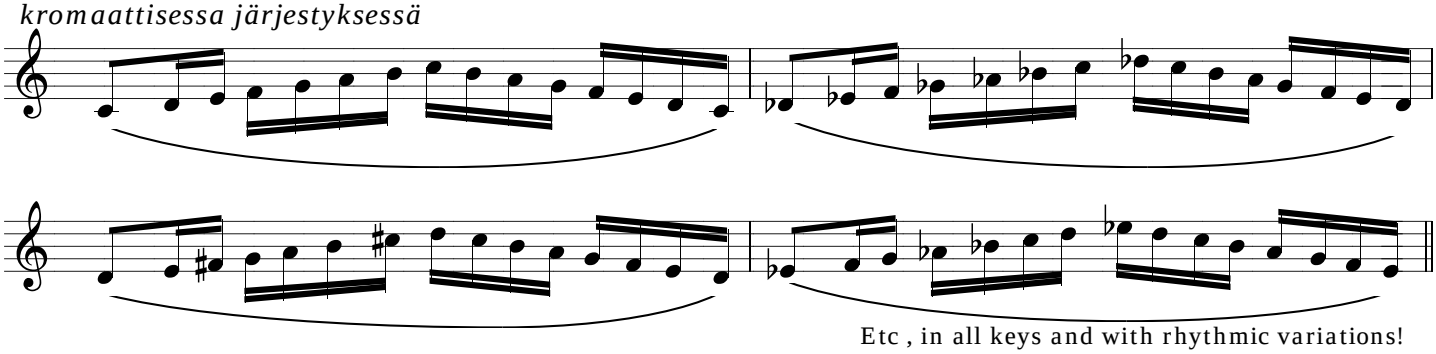
VARIATIONS OF MAJOR SCALES
DUURIASTEIKON VARIAATIOITA

Diatonic step method
diatonisessa järjestyksessä



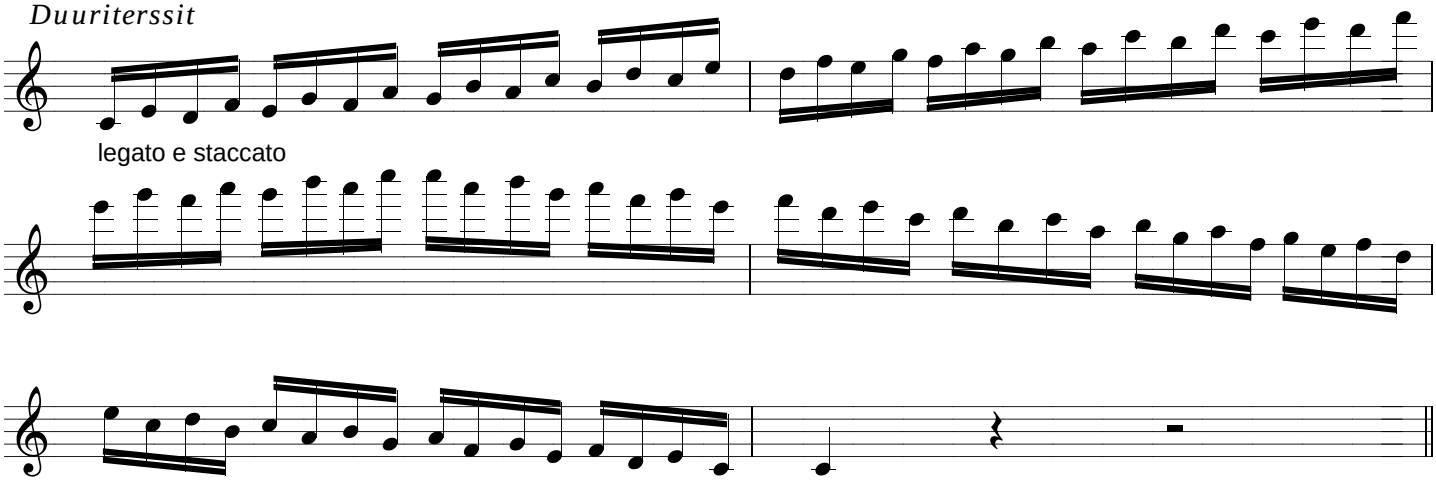
Etc , in all keys and with rhythmic variations!
Jne, kaikki sävellajit, rytmimuunnelmin!

Chromatic step method
kromaattisessa järjestyksessä



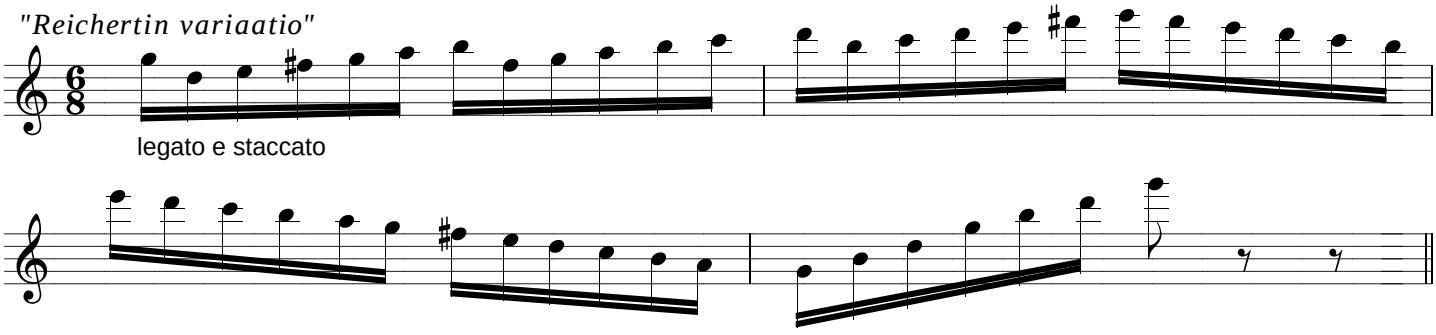
Etc , in all keys and with rhythmic variations!
Jne, kaikki sävellajit, rytmimuunnelmin!

Major thirds
Duuriterssit



Etc , in all keys and with rhythmic variations!
Jne, kaikki sävellajit, rytmimuunnelmin!

"Variations á la Reichert"
"Reichertin variaatio"

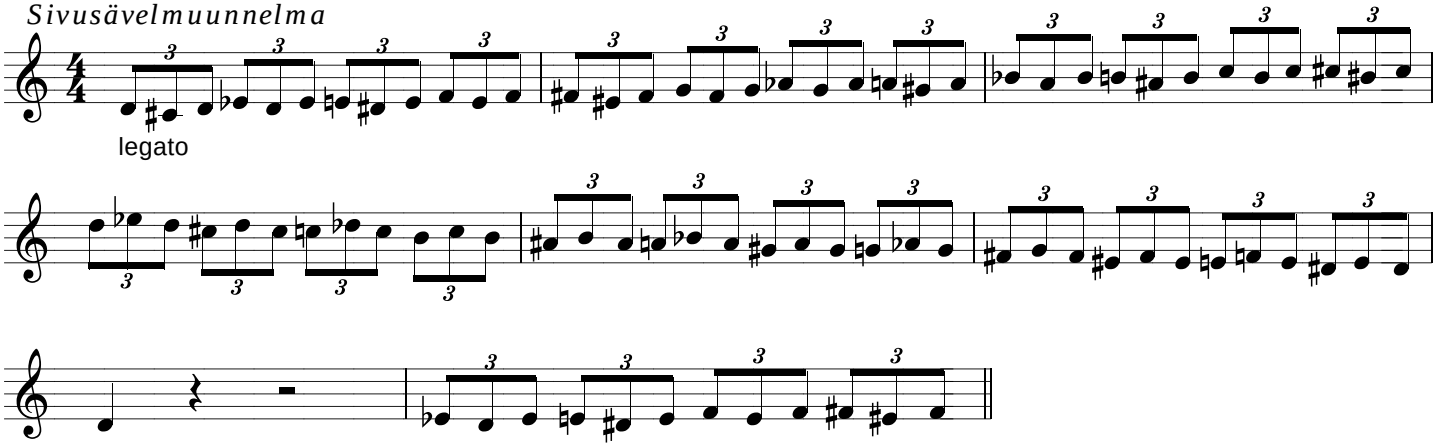


Etc , in all keys and with rhythmic variations!
Jne, kaikki sävellajit, rytmimuunnelmin!

VARIATIONS OF THE CHROMATIC SCALE
KROMAATTISEN ASTEIKON VARIAATIOITA

Neighbour tone variations

Sivusävelmuunnelma

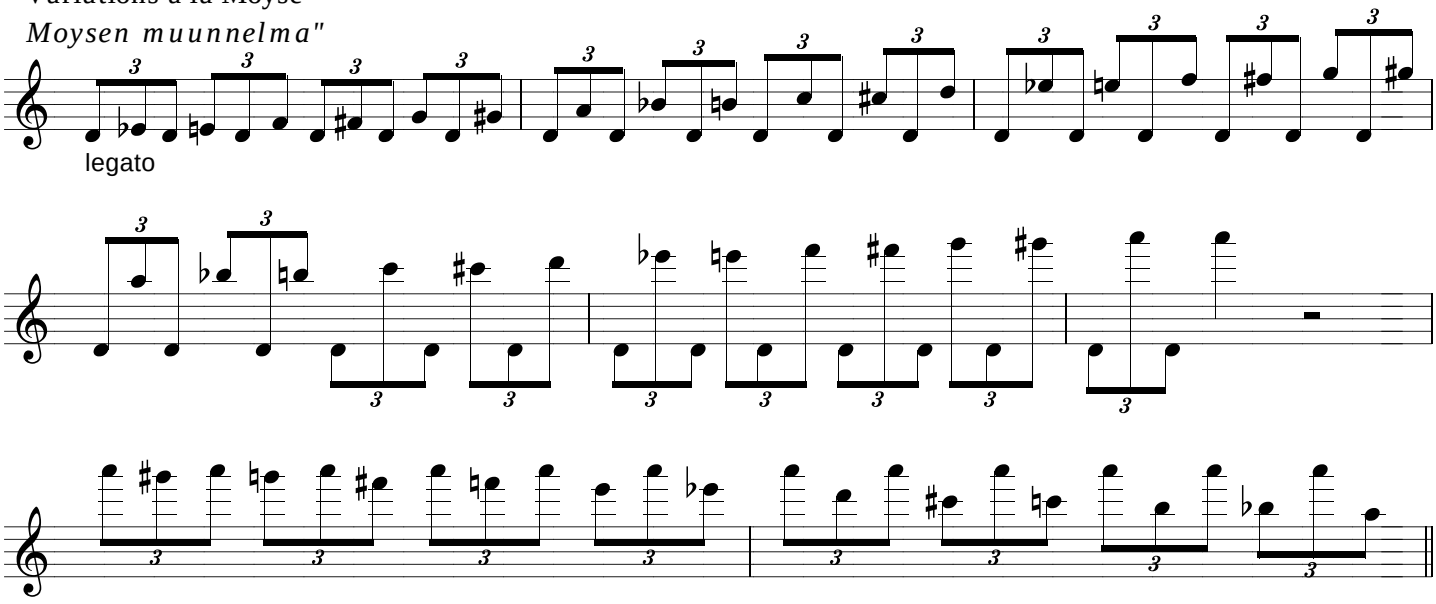


Etc

Jne

Variations á la Moyse"

Moysen muunnelma"

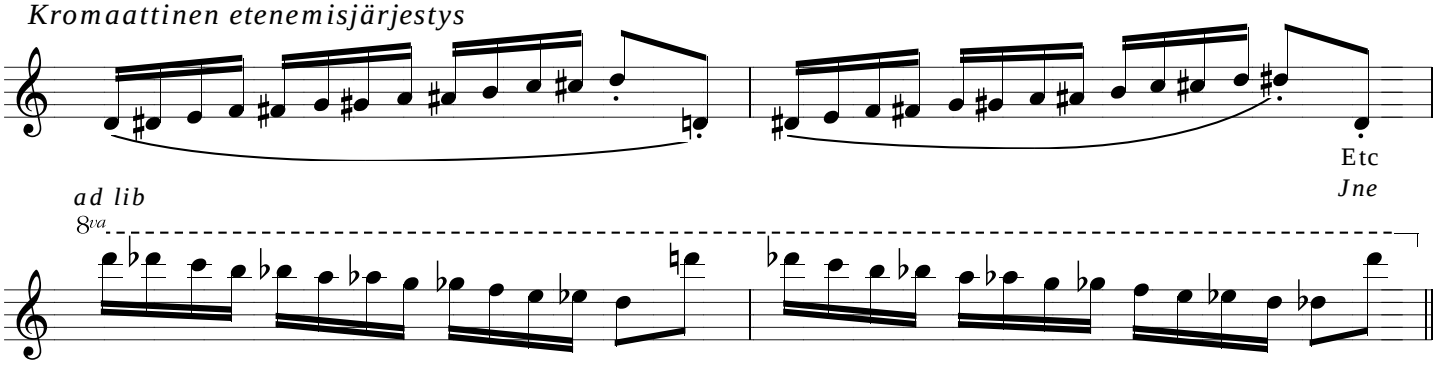


Etc

Jne

Chromatic step method

Kromaattinen etenemisjärjestys



Etc

Jne

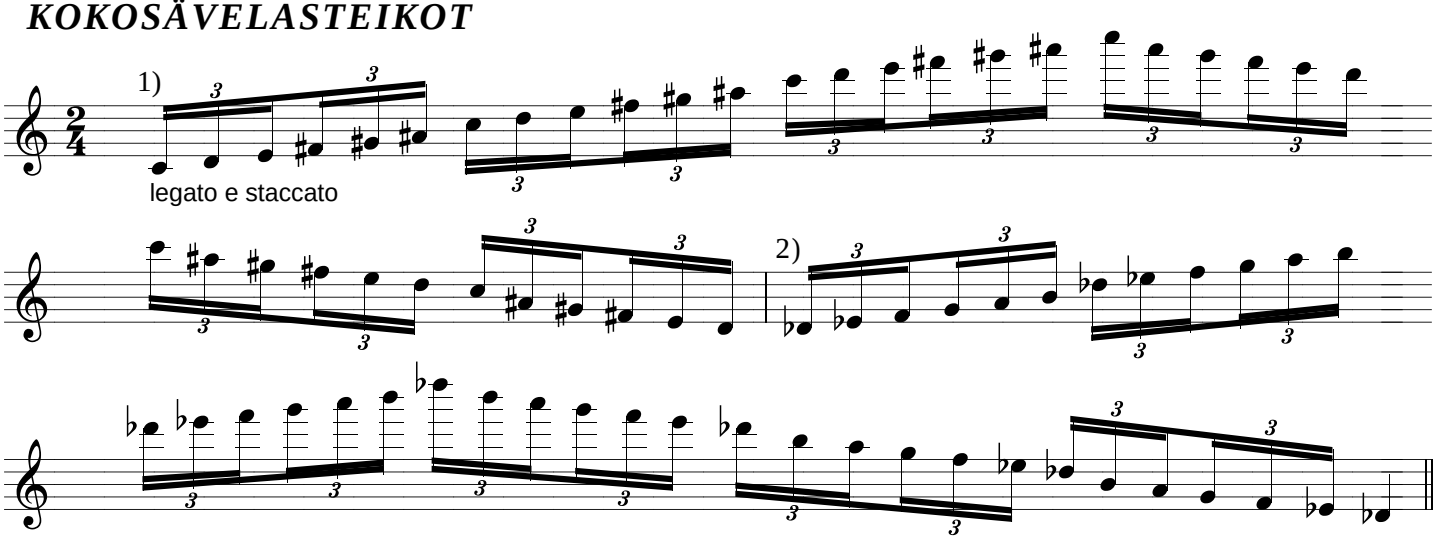
ad lib

8va

Etc

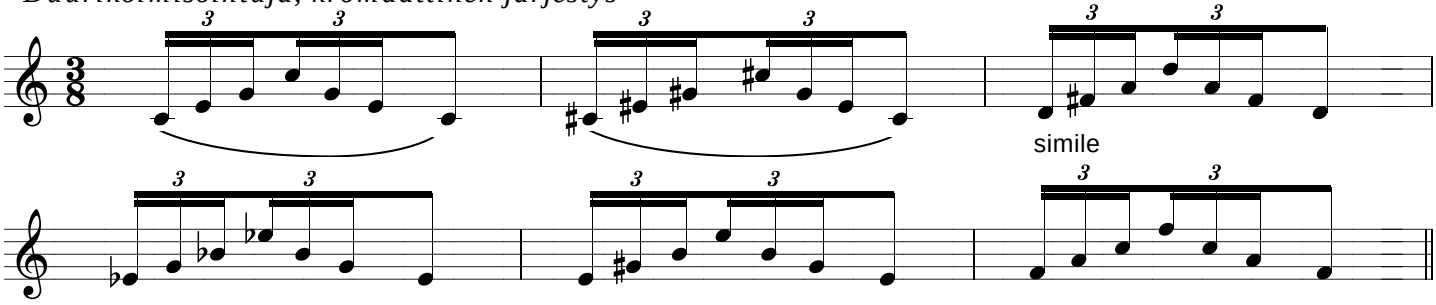
Jne

WHOLE TONE SCALES
KOKOSÄVELASTEIKOT

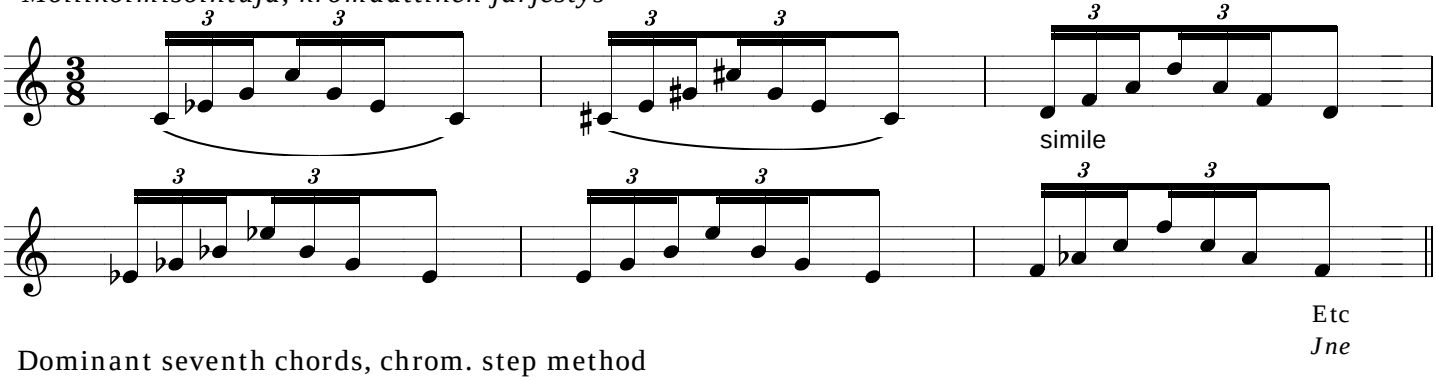


CHORDS
SOINTUJA

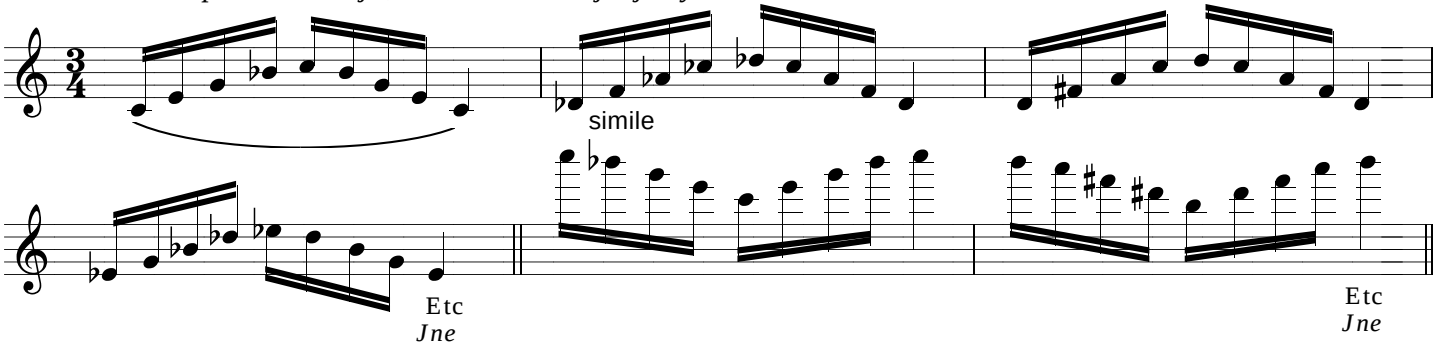
Major chords, chrom. step method
Duurikolmisointuja, kromaattinen järjestys



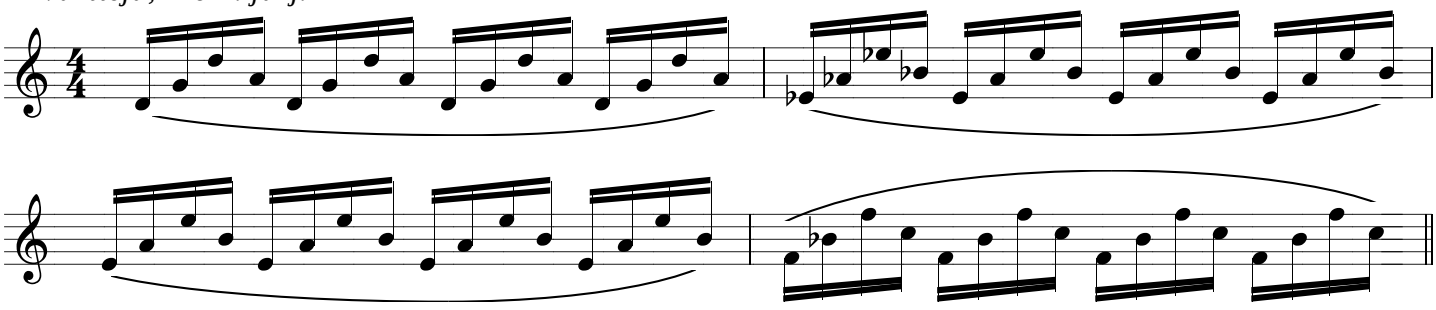
Minor chords, chrom. step method
Mollikolmisointuja, kromaattinen järjestys



Dominant seventh chords, chrom. step method
Dominanttiseptimisointuja, kromaattinen järjestys

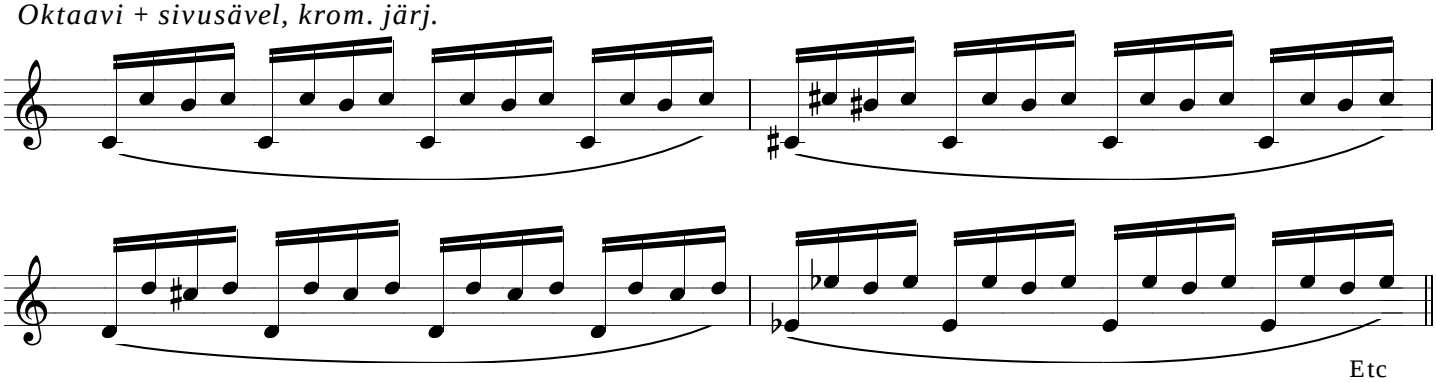


Fourths, chrom. step method
Kvartteja, krom. järj.



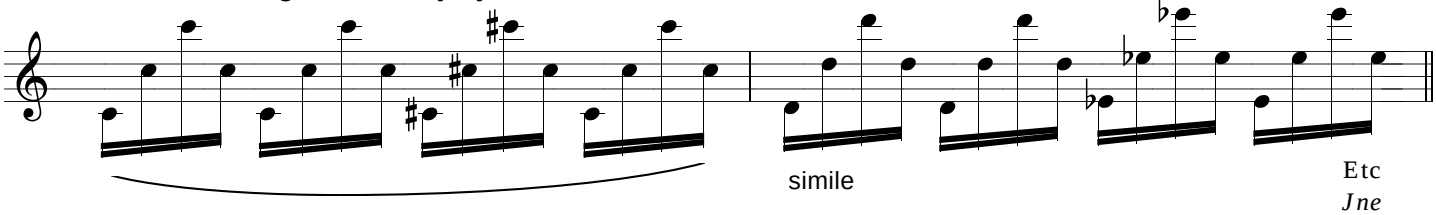
Etc
Jne

Octaves and neighbour tones, chrom. step method
Oktaavi + sivusävel, krom. järj.



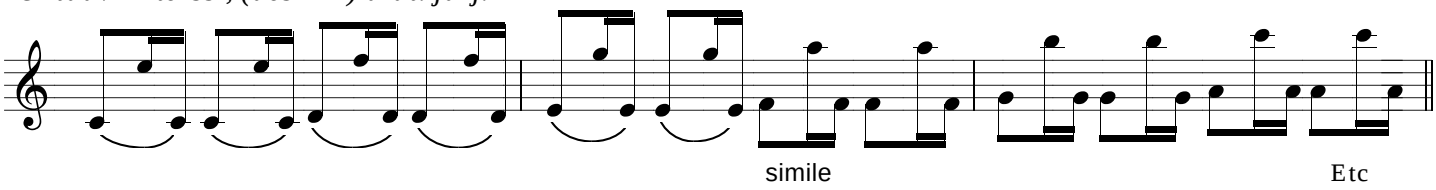
Etc
Jne

Two octaves in legato, chrom. step method
Kahden oktaavin legato, krom. järj.



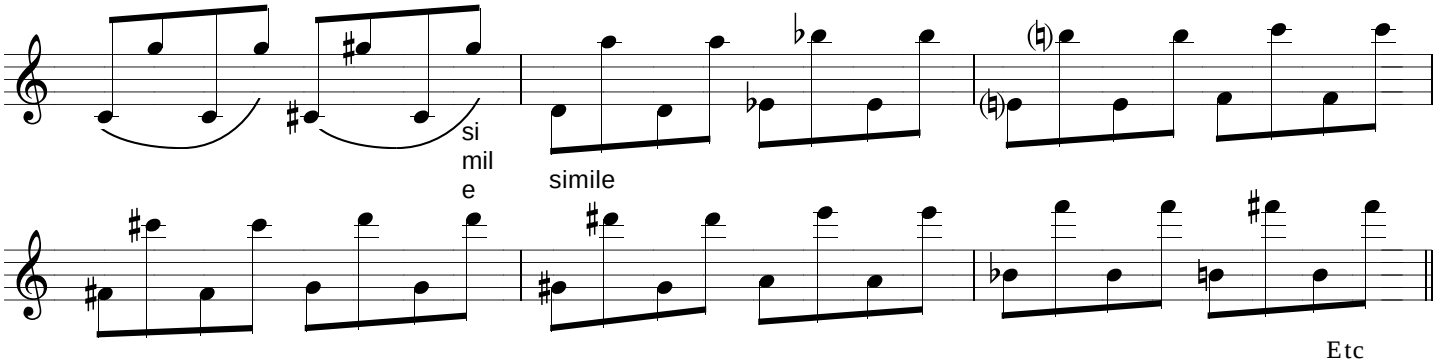
Etc
Jne

Tenths, diat. step method
Oktaavi + terssi, (desiimi) diat. järj.



Etc
Jne

Octave + fifth, chrom. step method
Oktaavi + kvintti, krom. järj.

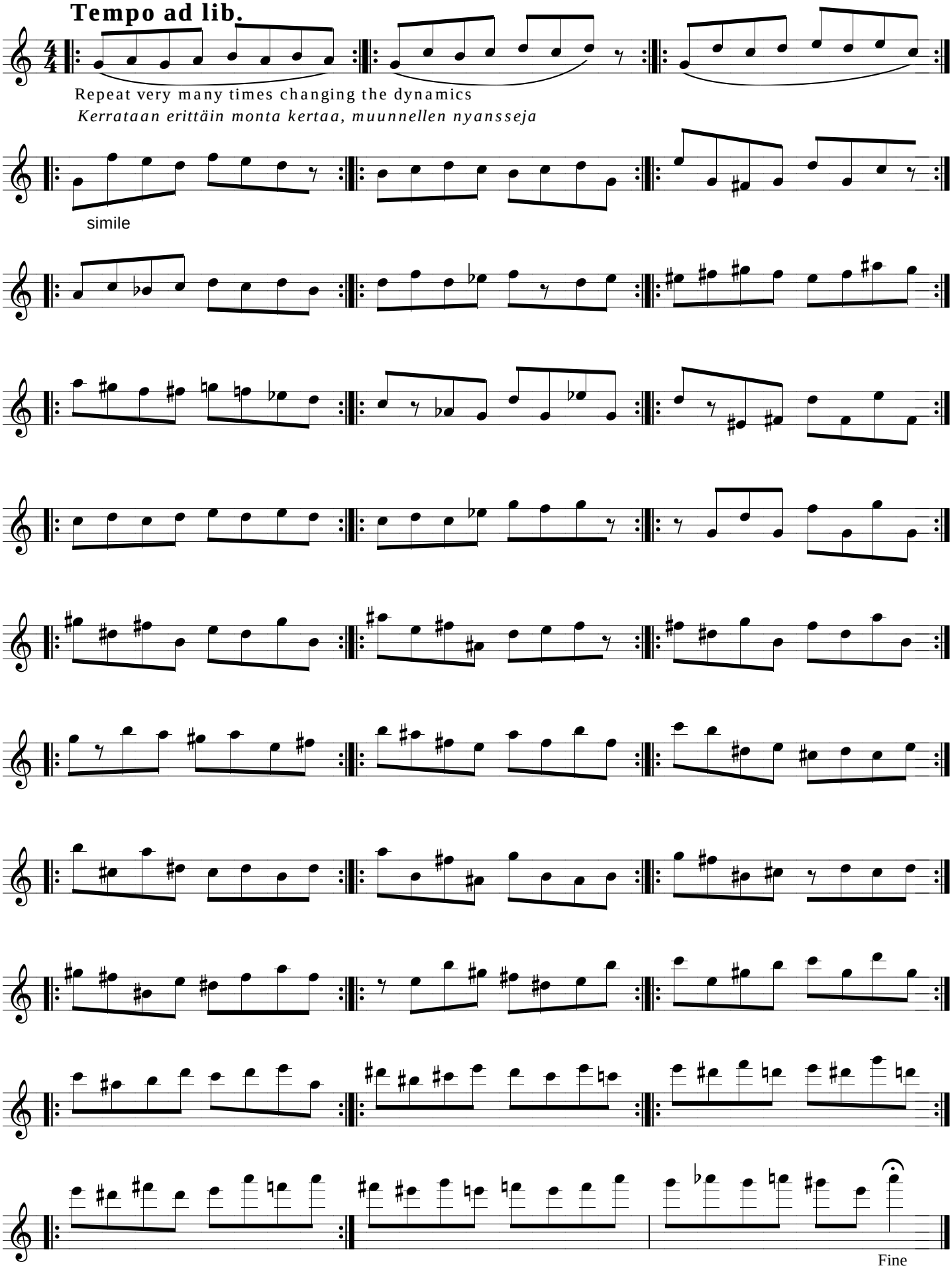


Etc
Jne

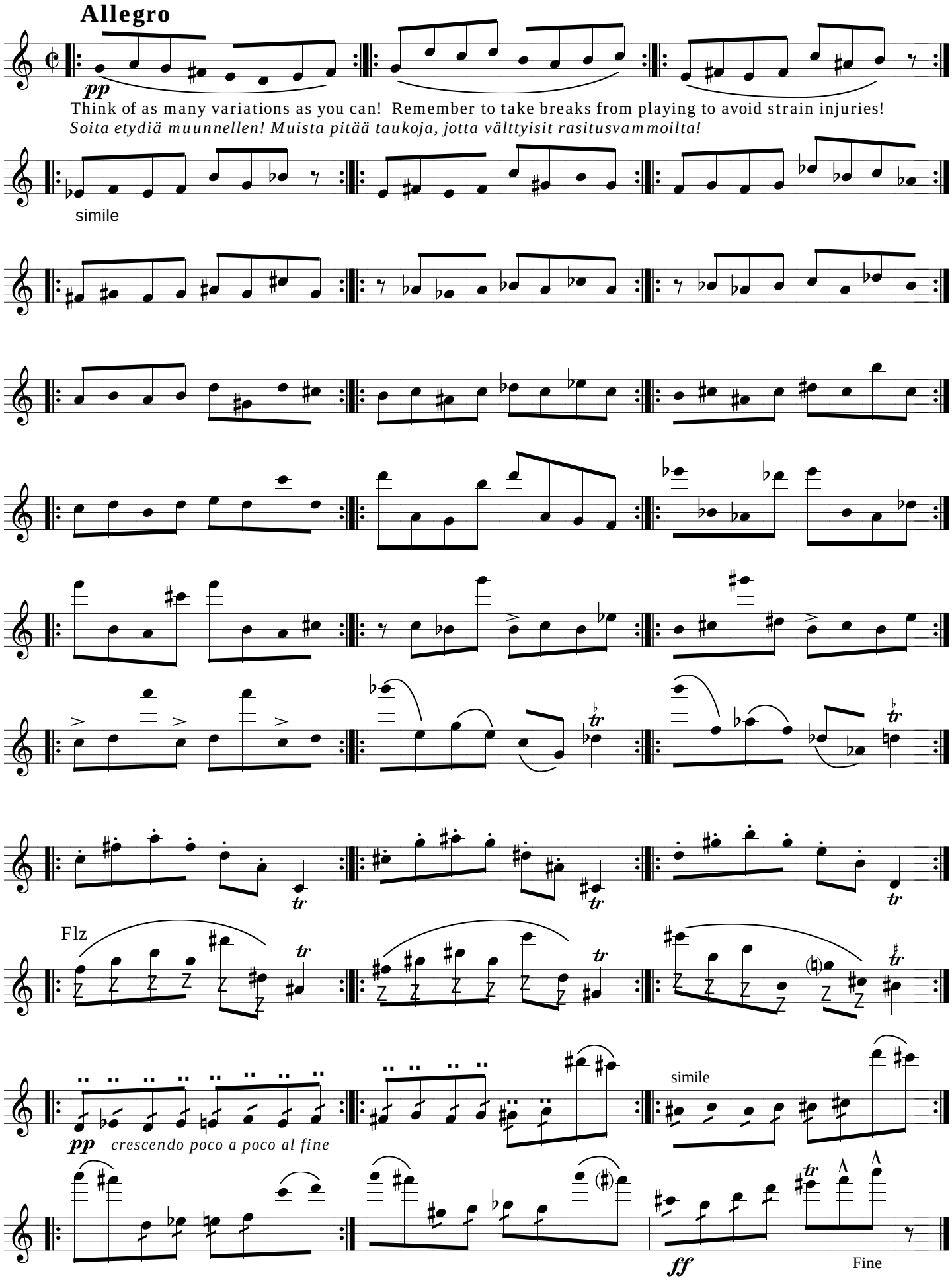
III Interval studies • Intervalliharjoituksia

Minimalistic etude 1 • *Minimalistinen etydi 1*

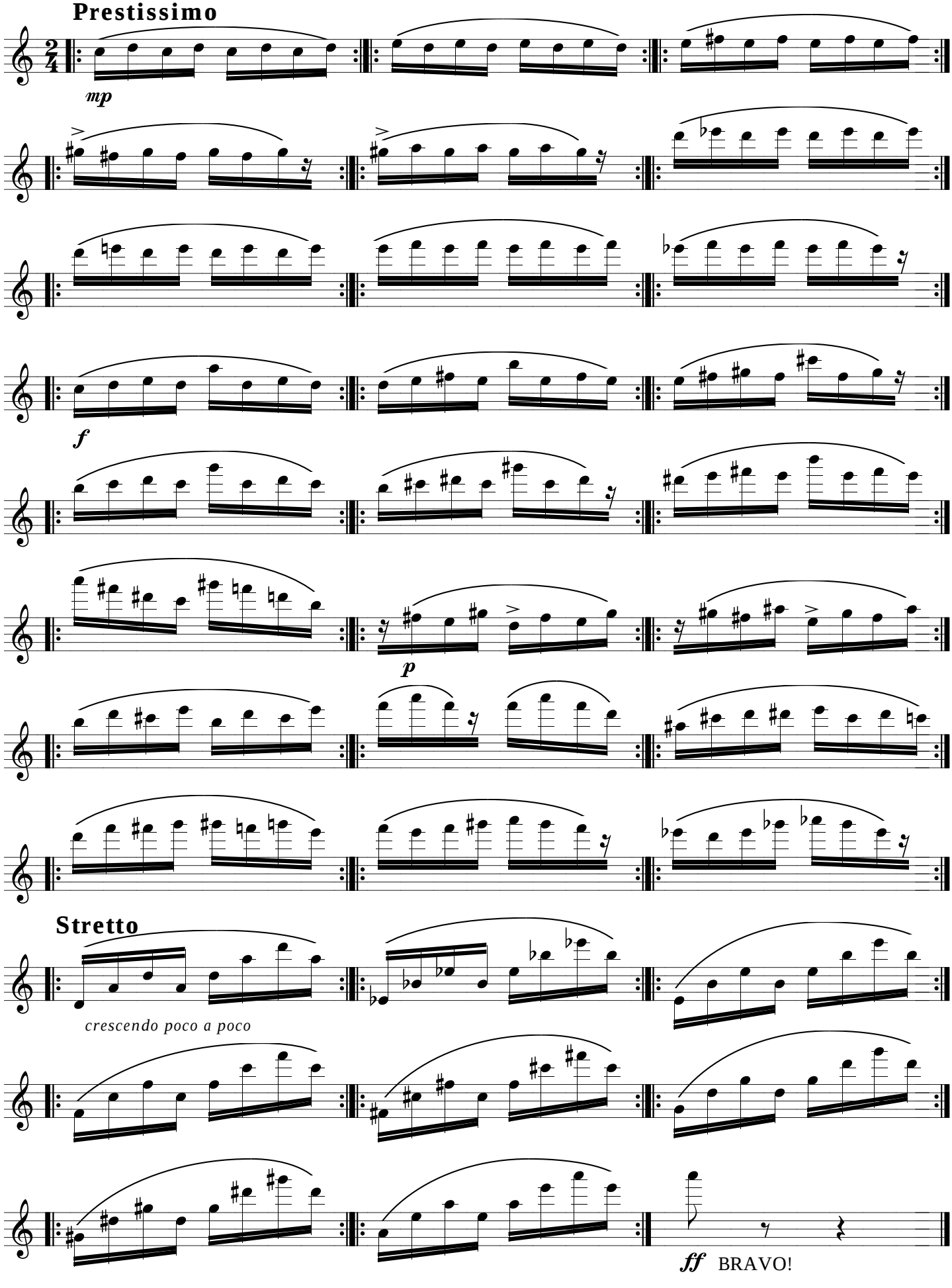
Tempo ad lib.



Minimalistic etude 2 • *Minimalistinen etydi 2*

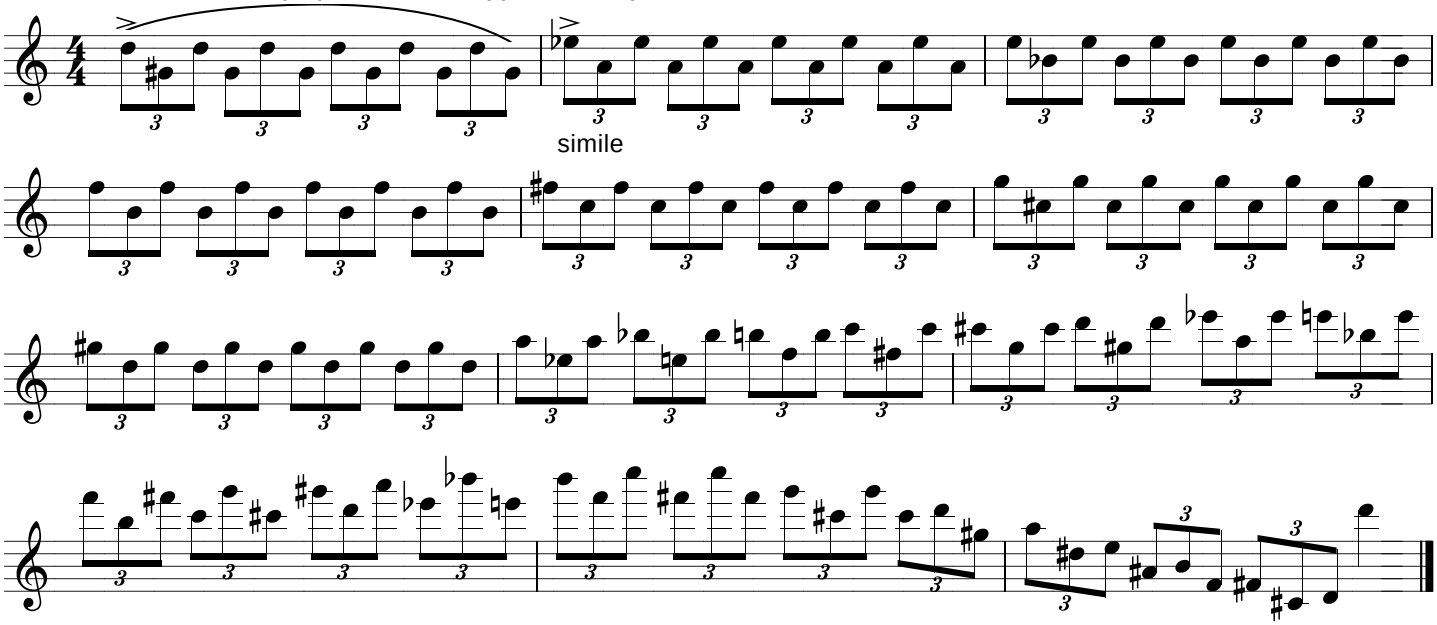


Good Morning, Flute! • *Hyvää huomenta, huilu!*



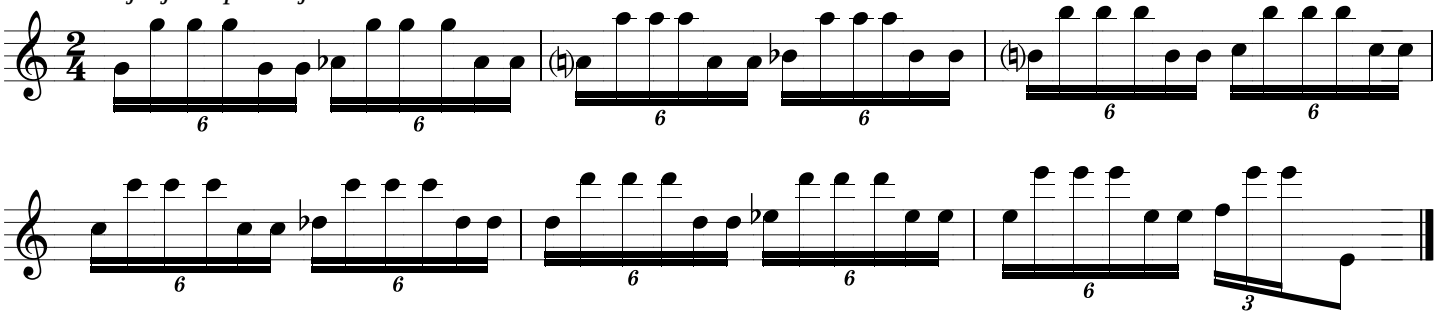
Augmented fourths and Diminished fifths

Ylinousevia kvartteja ja vähennettyjä kvinttejä



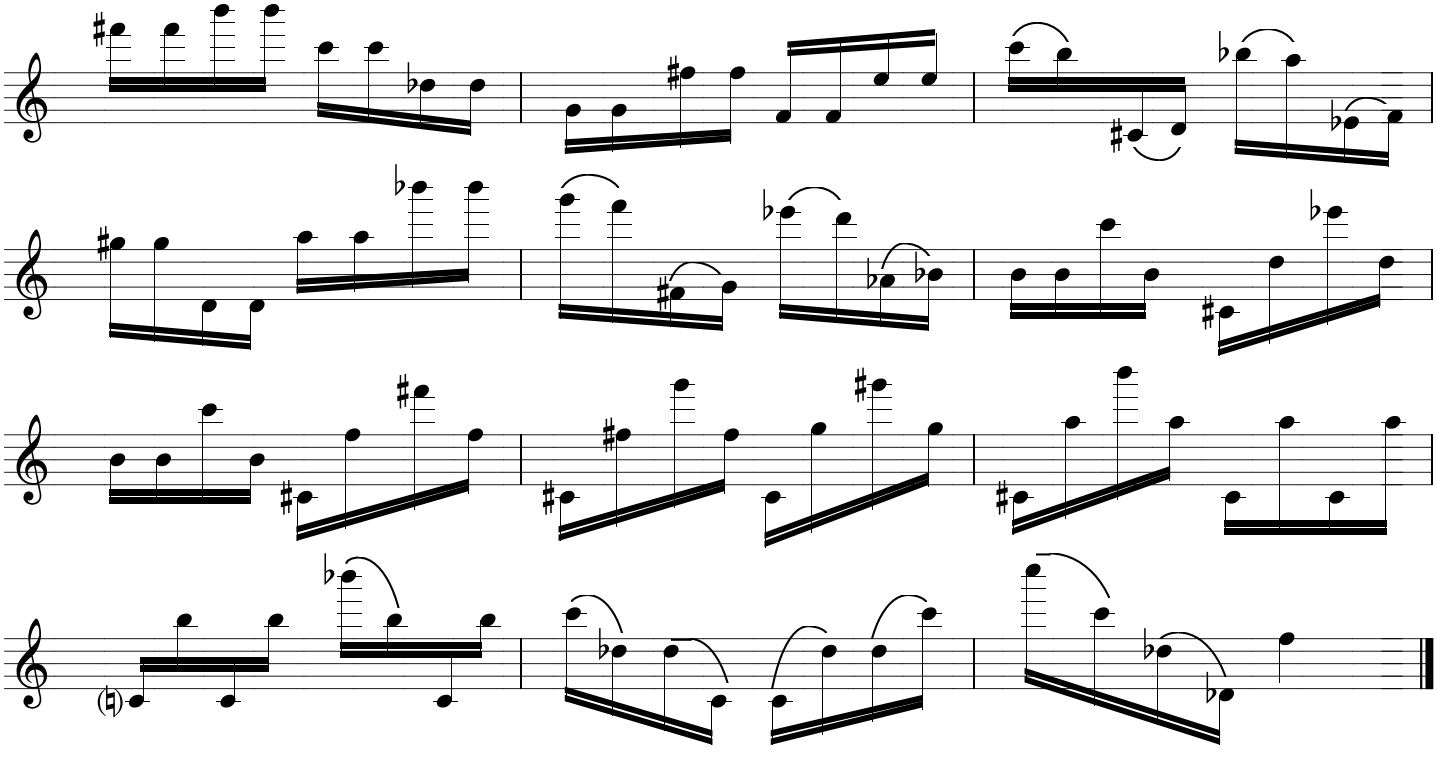
Octaves and sevenths

Oktaaveja ja septimejä



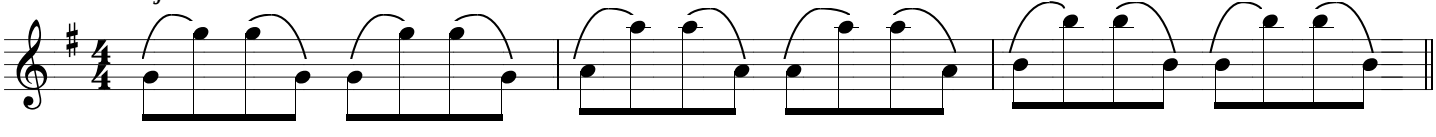
Other large intervals

Muita suuria intervalleja

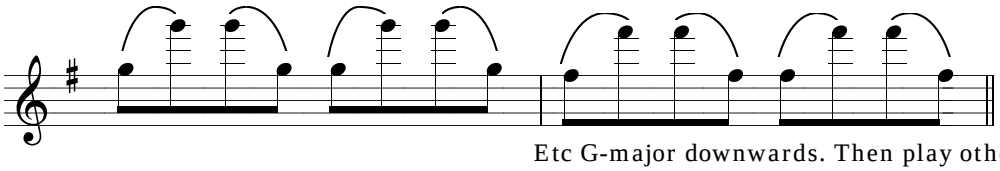


IV Tone studies • Ääniharjoituksia

Flexible embouchure
Ansatsin joustavuus

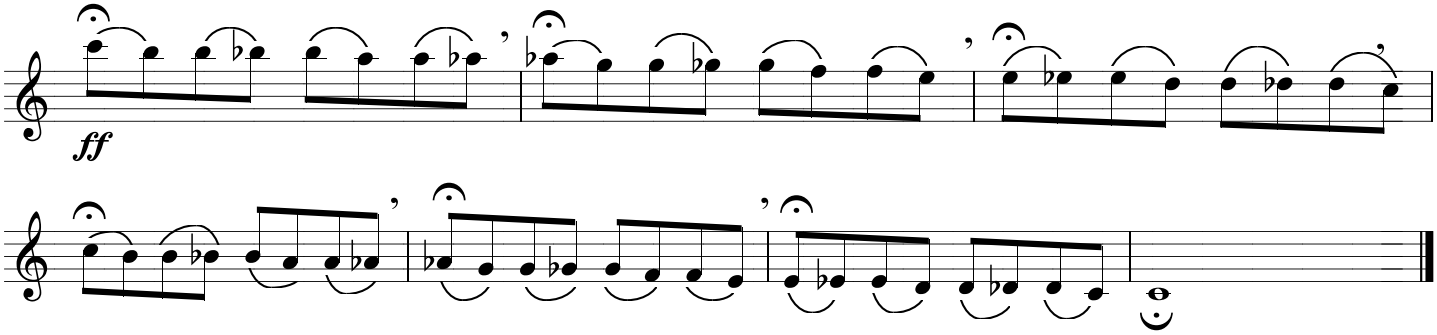


Etc G-major upwards

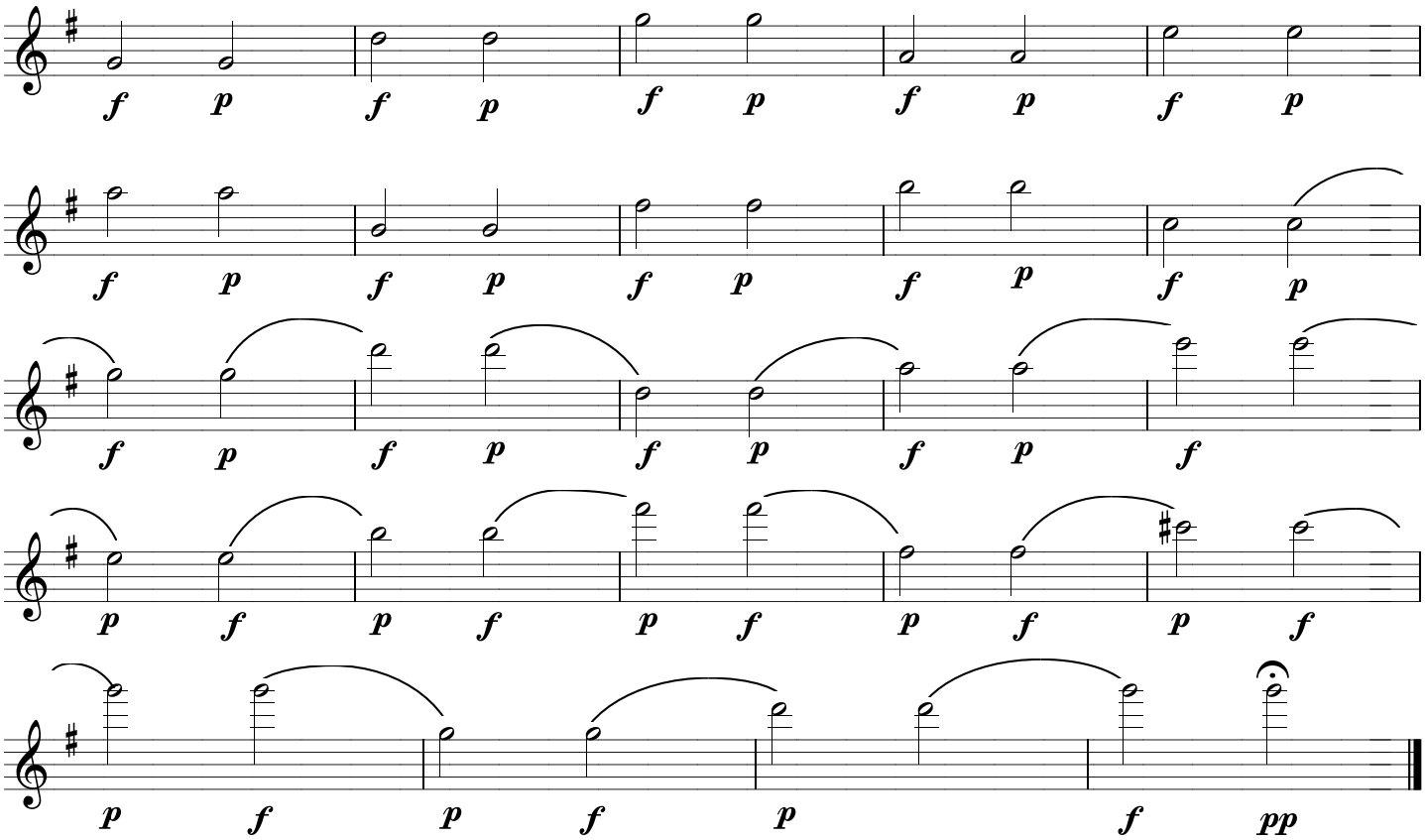


Etc G-major downwards. Then play other keys in the same way!
Jne G-duuria alaspäin. Sitten muita sävellajeja samalla tavalla!

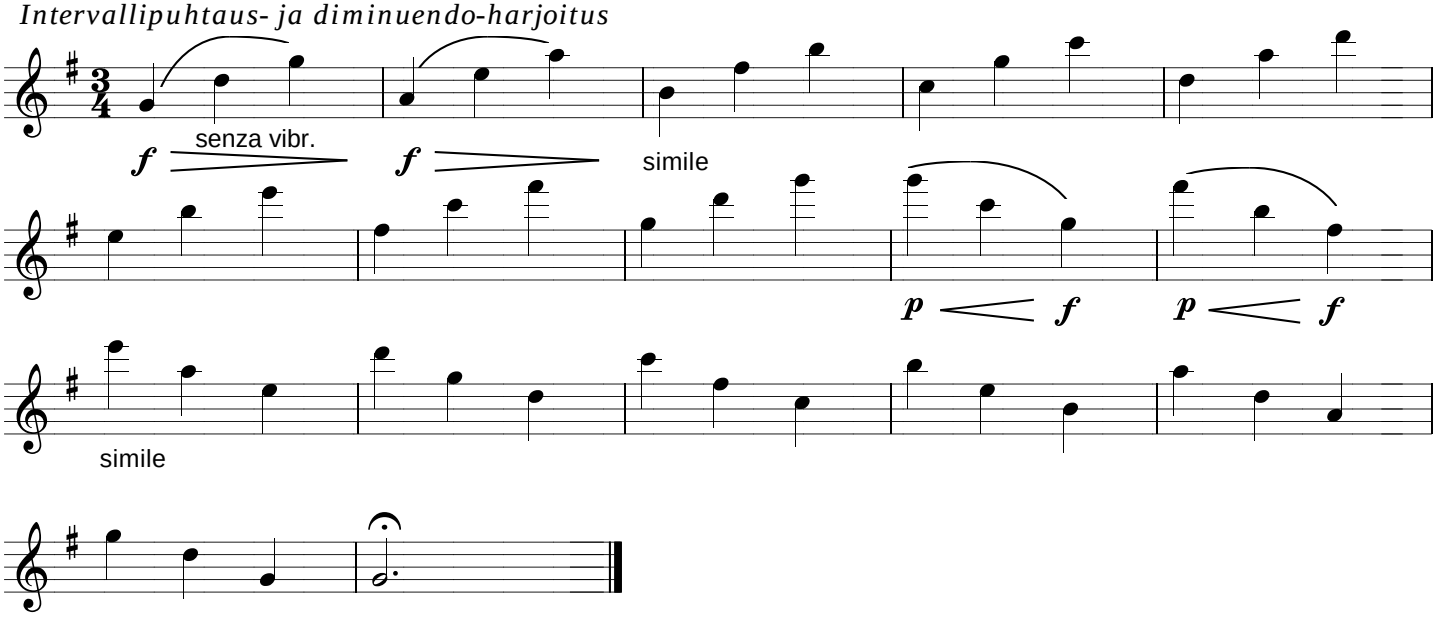
Tone quality exercise, also "test your flute"-exercise
Tasaisen äänenlaadun tarkkailukuvio, sekä "huilun testikuvio"



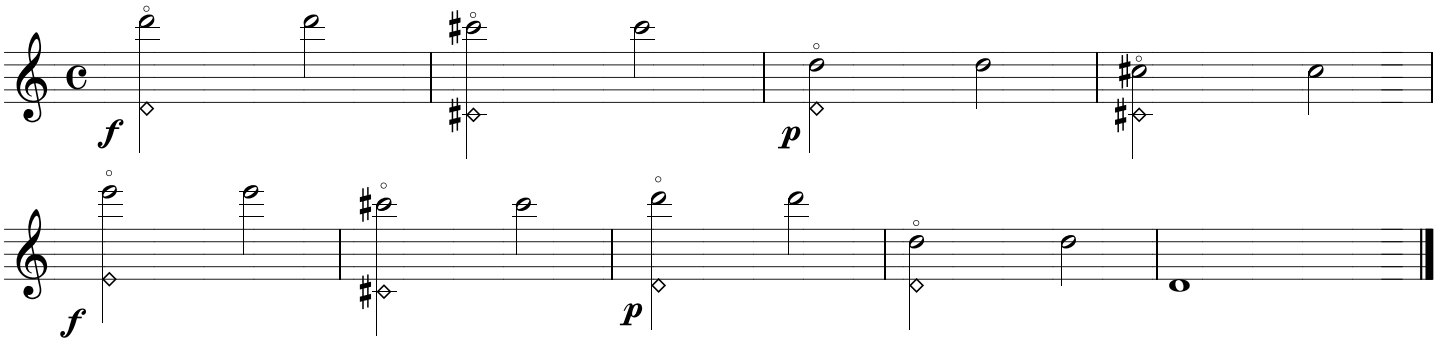
Pitch control in varied dynamics
Säveltason tarkkailu eri voimakkuusasteilla



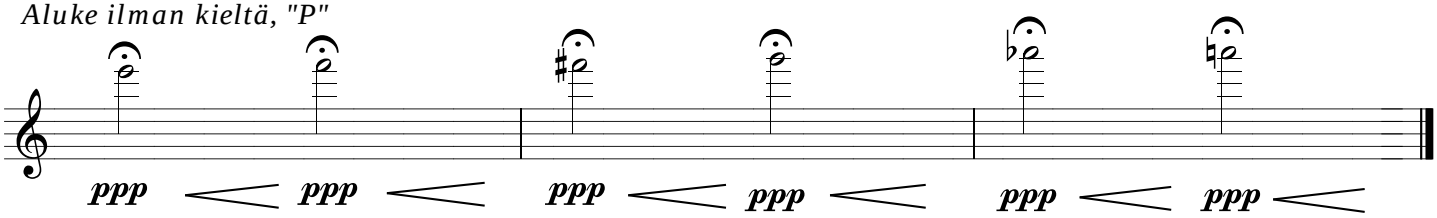
Intonation and diminuendo exercise
Intervallipuhtaus- ja diminuendo-harjoitus



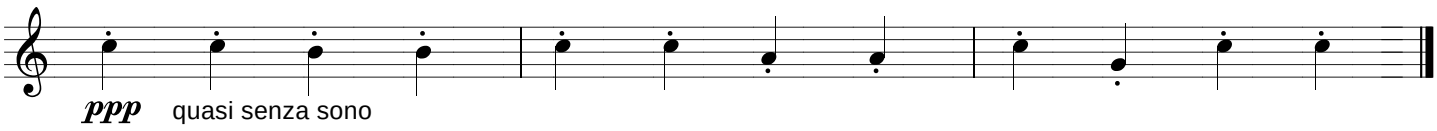
Pitch control with octave harmonic tones
Säveltason tarkistus oktaaviflageolettien avulla



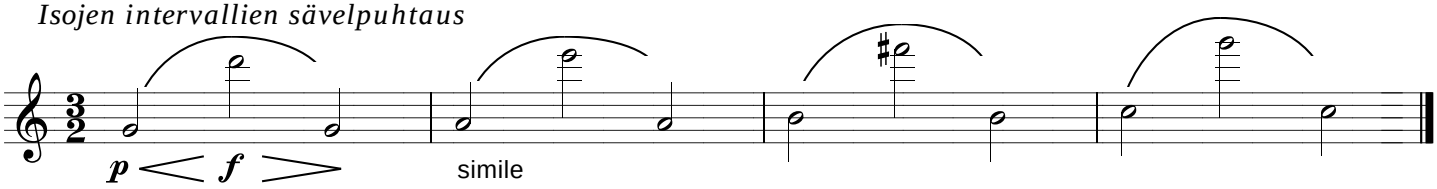
Attack without tongue, "P"
Aluke ilman kieltä, "P"



Clear and quiet attack
Selkeä ja hiljainen aluke



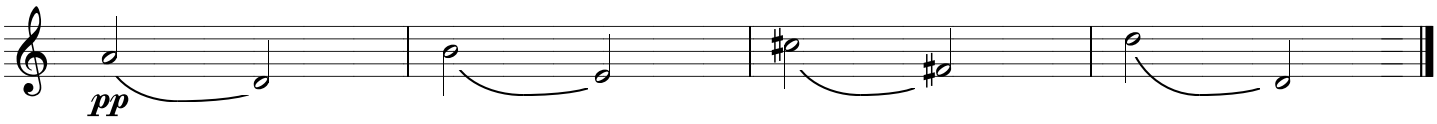
Large intervals intonation
Isojen intervallien sävelpuhtaus



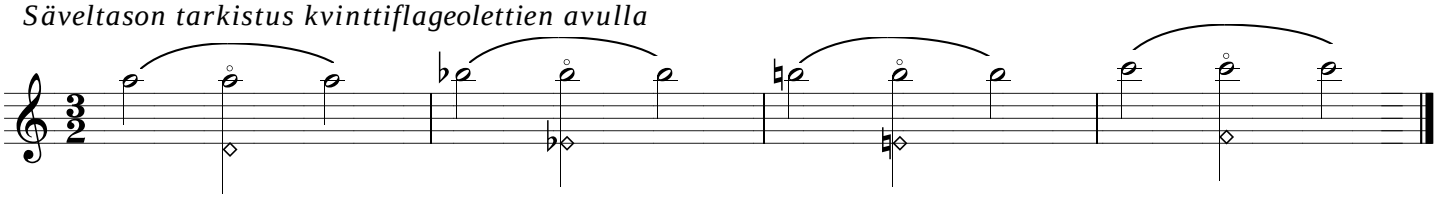
Listen for intonation; drop the higher tones down if neccessary!
Tarkkaile sävelpuhtautta: pudota ylempien sävelten tasoa tarvittaessa!

Low tones sonority exercise
Matalien sävelten voimistusharjoitus

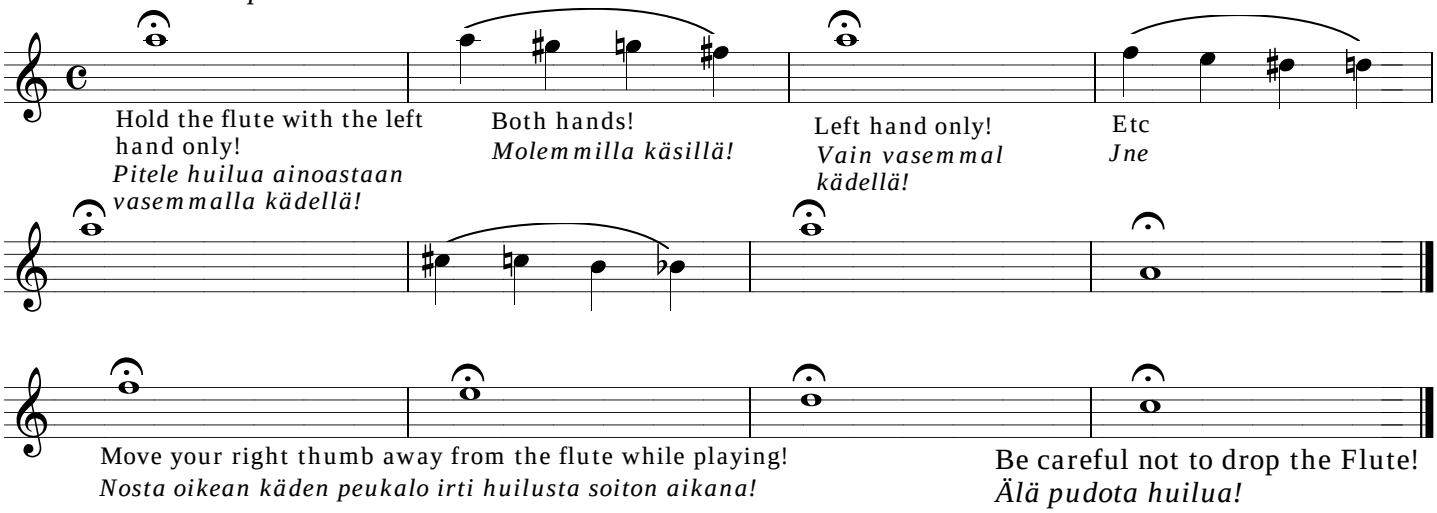
Low tones intonation
Matalien sävelten puhtaus



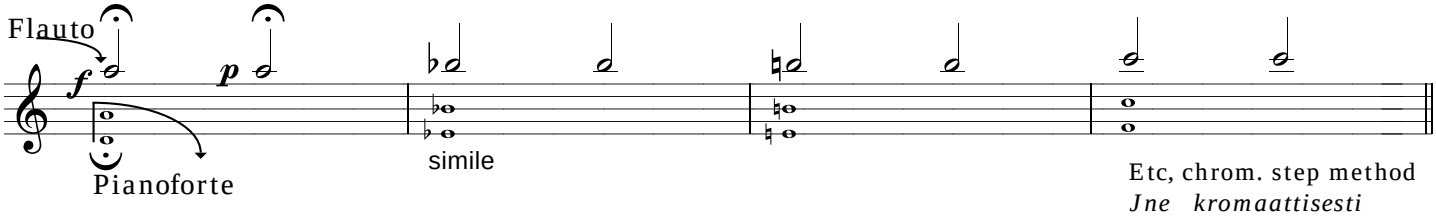
Pitch control with fifths harmonic tones
Säveltason tarkistus kvinttiflageolettien avulla



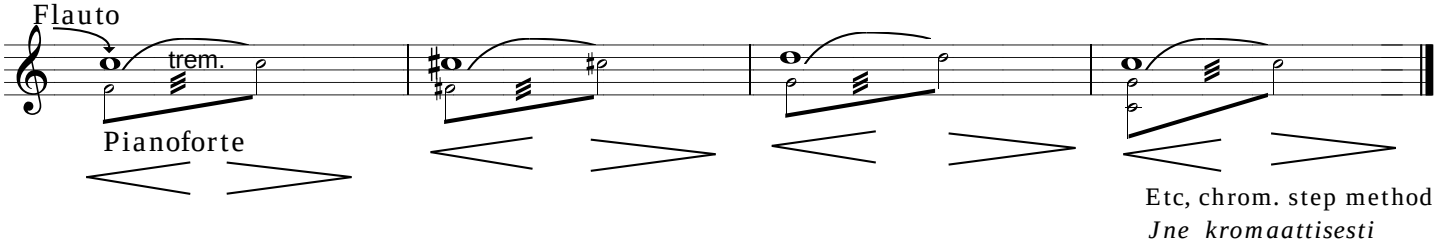
Balancing the flute
Huiluotteen tasapaino



Intonation exercise with piano
Säveltarkistukset pianon avulla

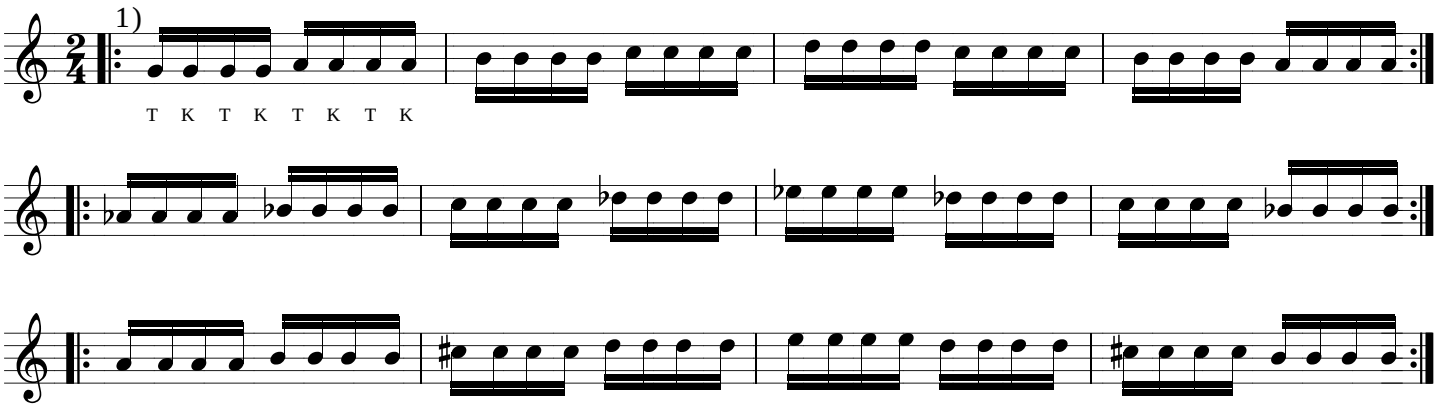


Cresc-Dim. exercise with piano
Cresc./ dim.-harjoitus pianon avulla

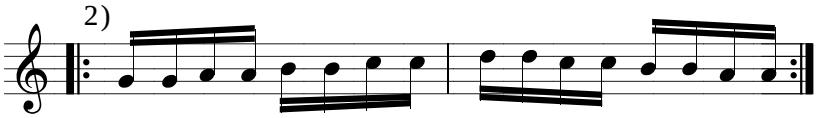


V Other exercises • Muita harjoituksia

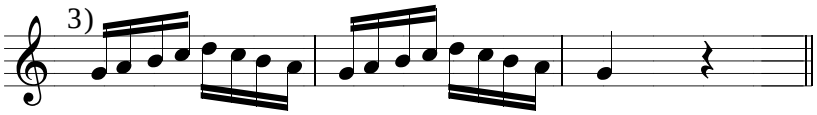
Double-tonguing exercises
Tuplakieliharjoituksia



Etc upwards chromatically
Jne kromaattisesti ylöspäin

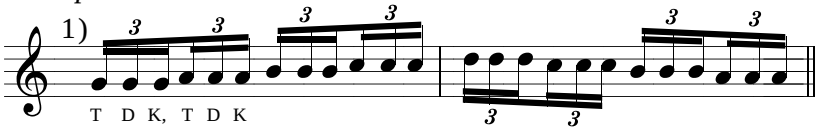


Etc upwards chromatically
Jne kromaattisesti ylöspäin

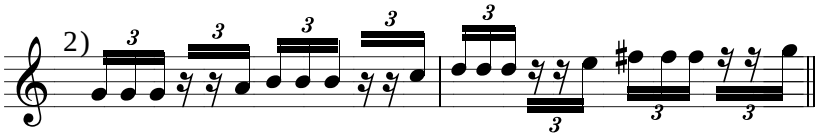


Etc upwards chromatically
Jne kromaattisesti ylöspäin

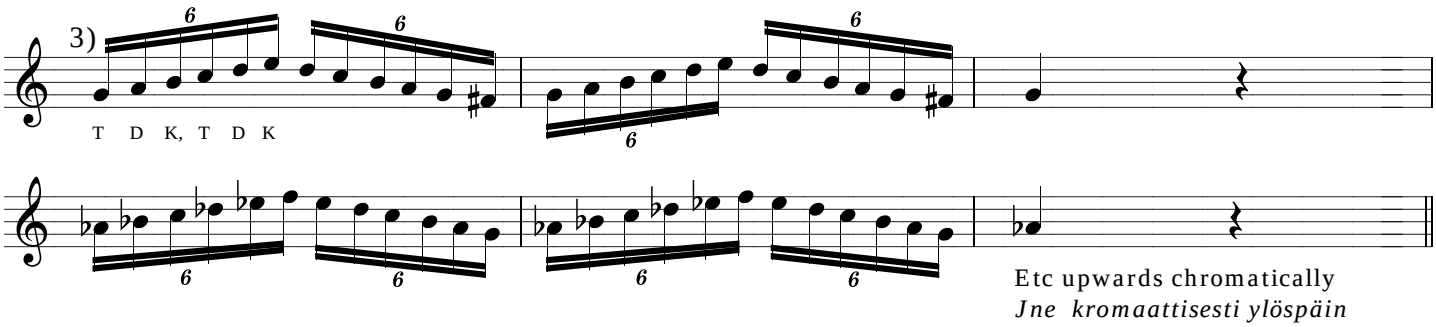
Variations of triple-tonguing
Triplakielimuunnelmia



Etc upwards chromatically
Jne kromaattisesti ylöspäin

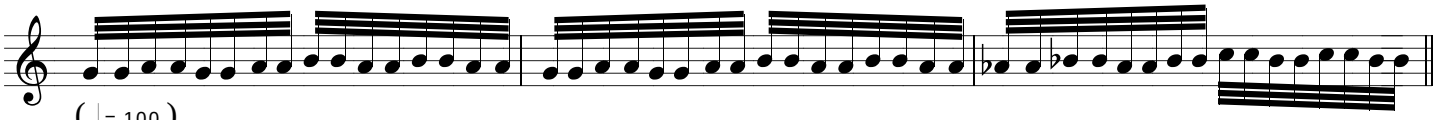


Etc upwards chromatically
Jne kromaattisesti ylöspäin



Etc upwards chromatically
Jne kromaattisesti ylöspäin

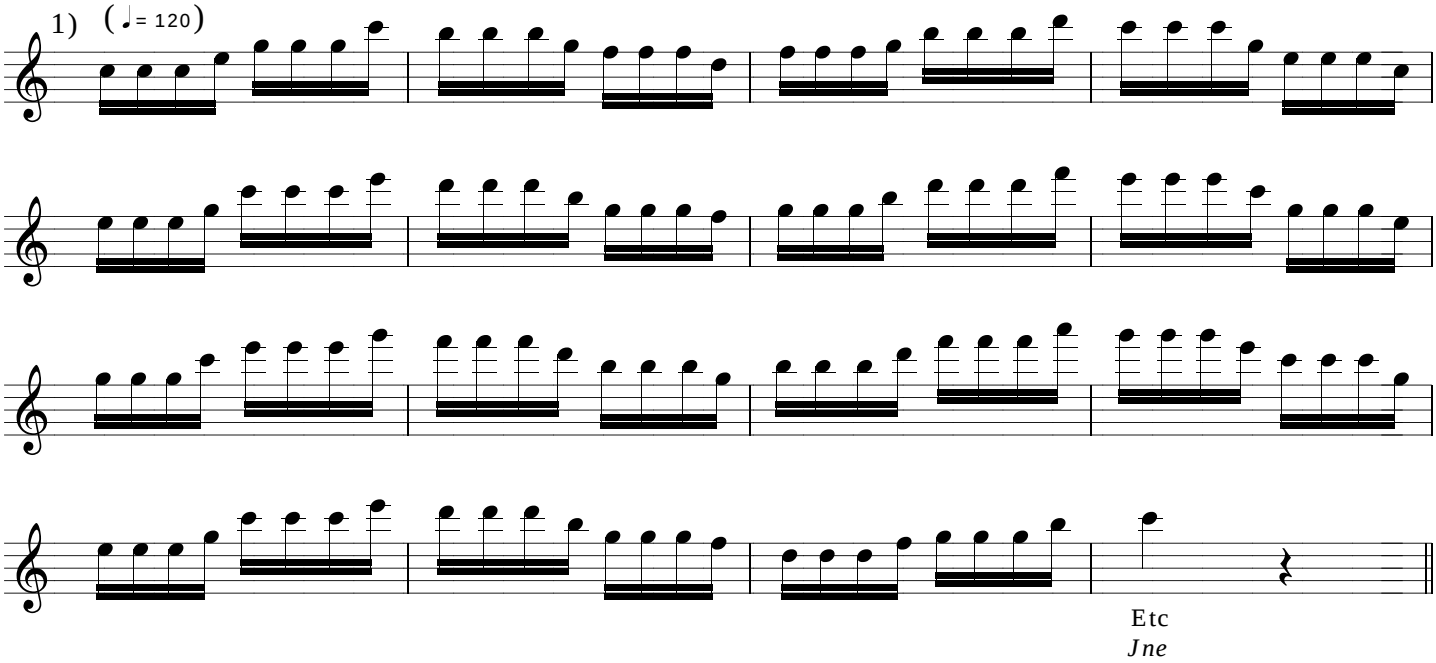
Very fast double-tonguing
Erittäin nopea tuplakieli



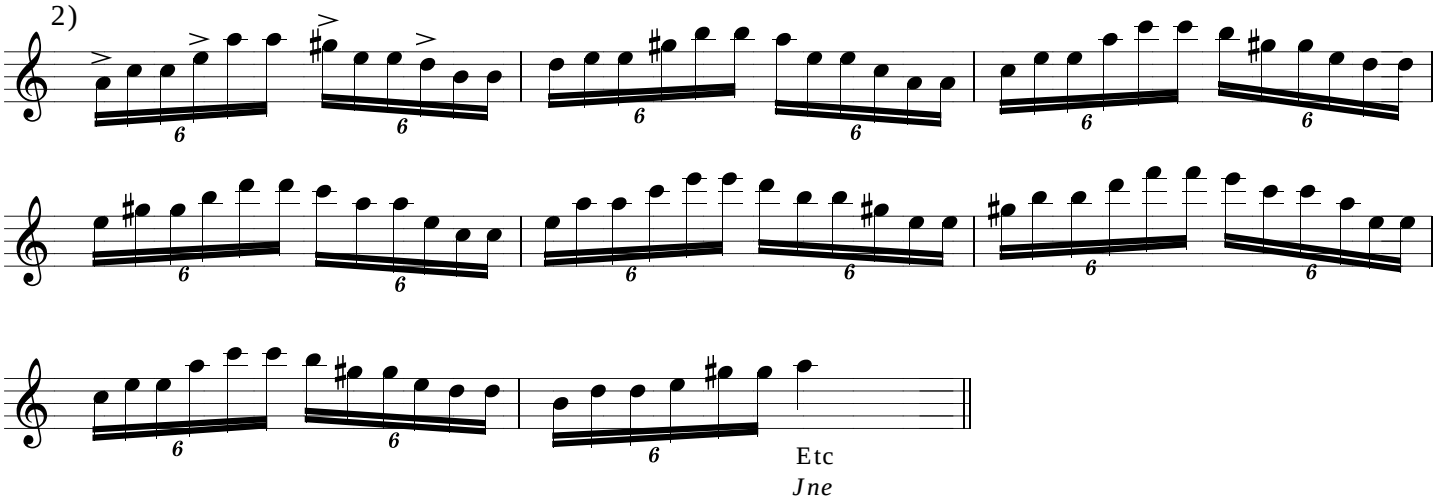
Etc upwards chromatically
Jne kromaattisesti ylöspäin

Examples of variations on Reichert's exercise
Variaatioesimerkkejä Reichertin harjoituksesta

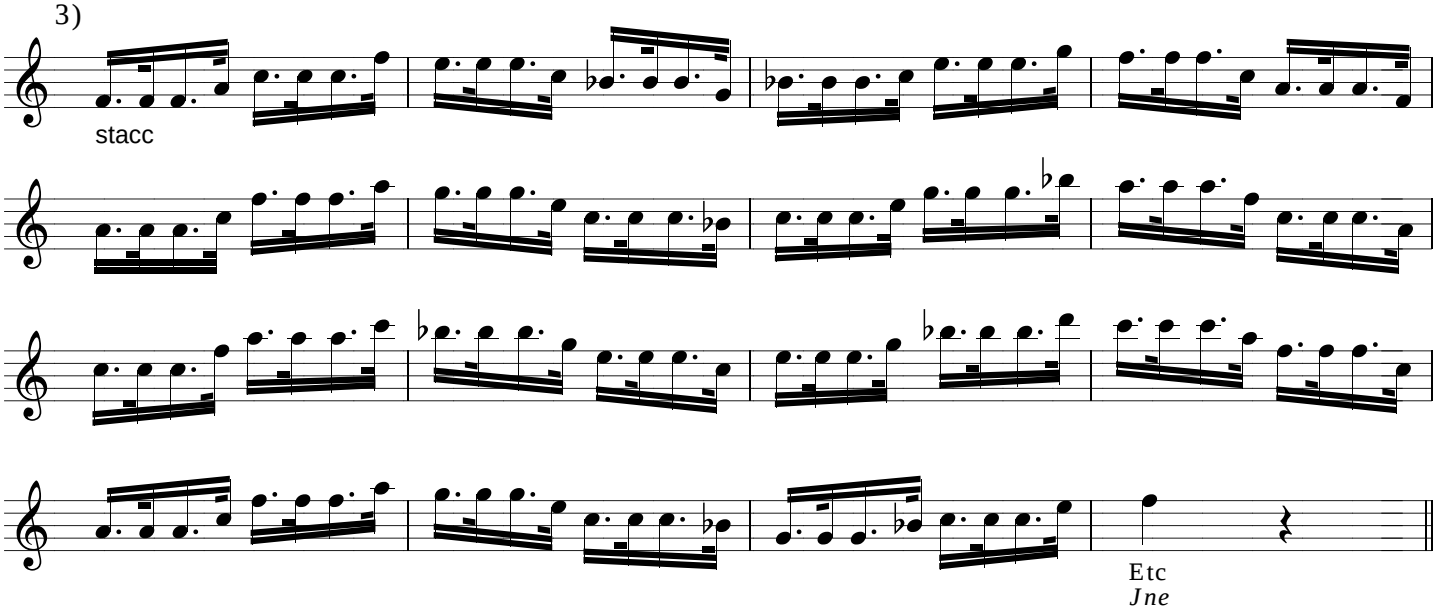
1) (♩= 120)



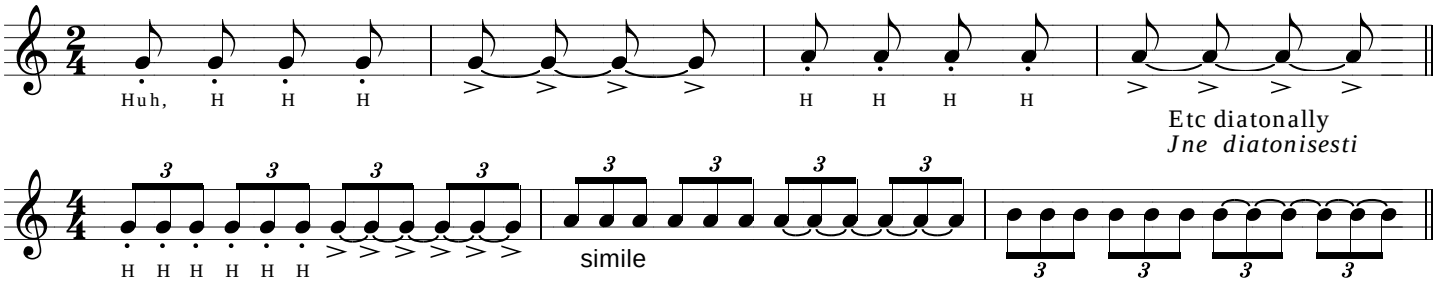
2)



3)

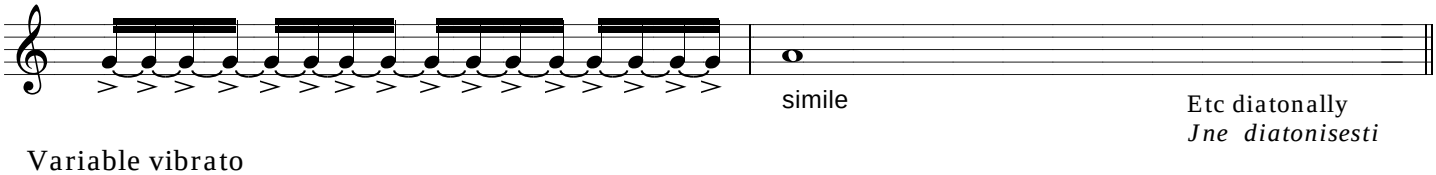


Vibrato exercise without tongue attack
Vibratoharjoitus ilman kielialuketta

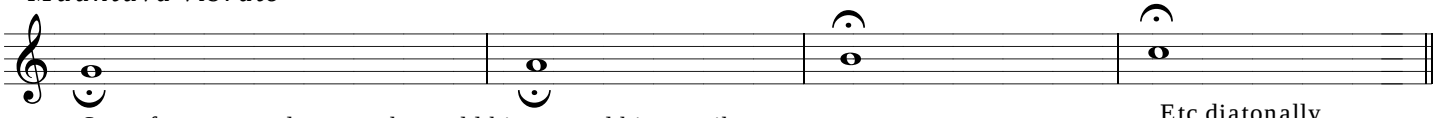


Rhythmic vibrato
Rytmivibrato

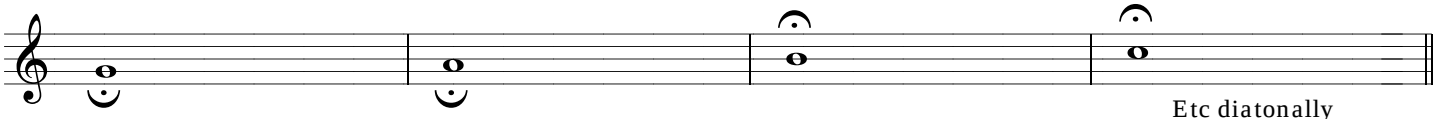
Aim for:
Tavoite: ♩ = 96



Variable vibrato
Muuntuva vibrato

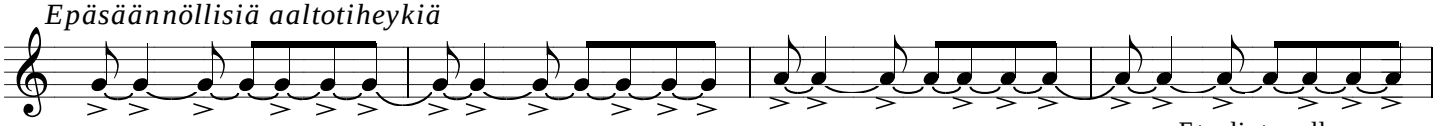


1. Start from a steady tone, then add bigger and bigger vibrato waves
Aloita suorasta äänestä, lisää astettain yhä suurempia vibraton aaltoja

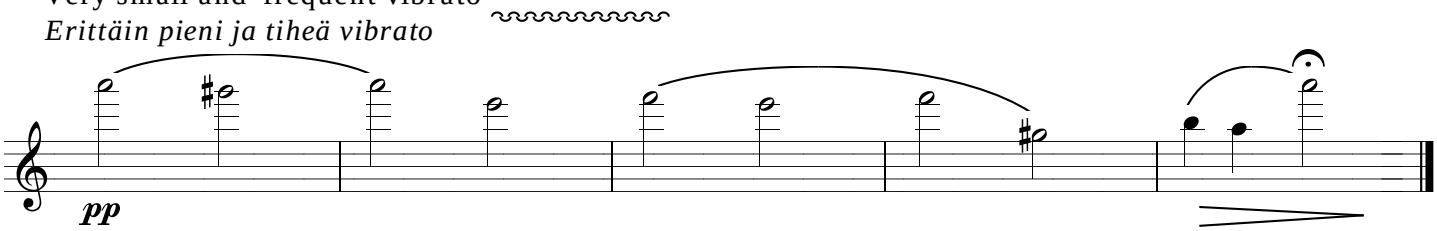


2. Start from a steady tone, then add faster and faster vibrato waves
Aloita suorasta äänestä, lisää astettain vibraton aaltoja yhä tiheämmin

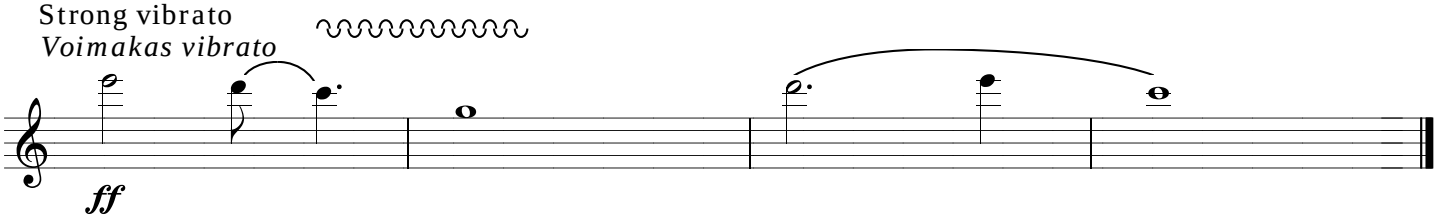
Irregular vibrato waves
Epäsäännöllisiä aaltotiheykiä



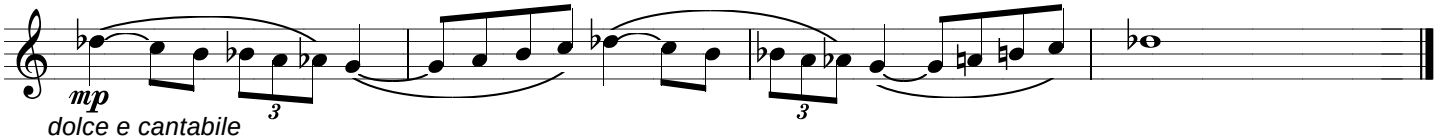
Very small and frequent vibrato
Erittäin pieni ja tiheä vibrato



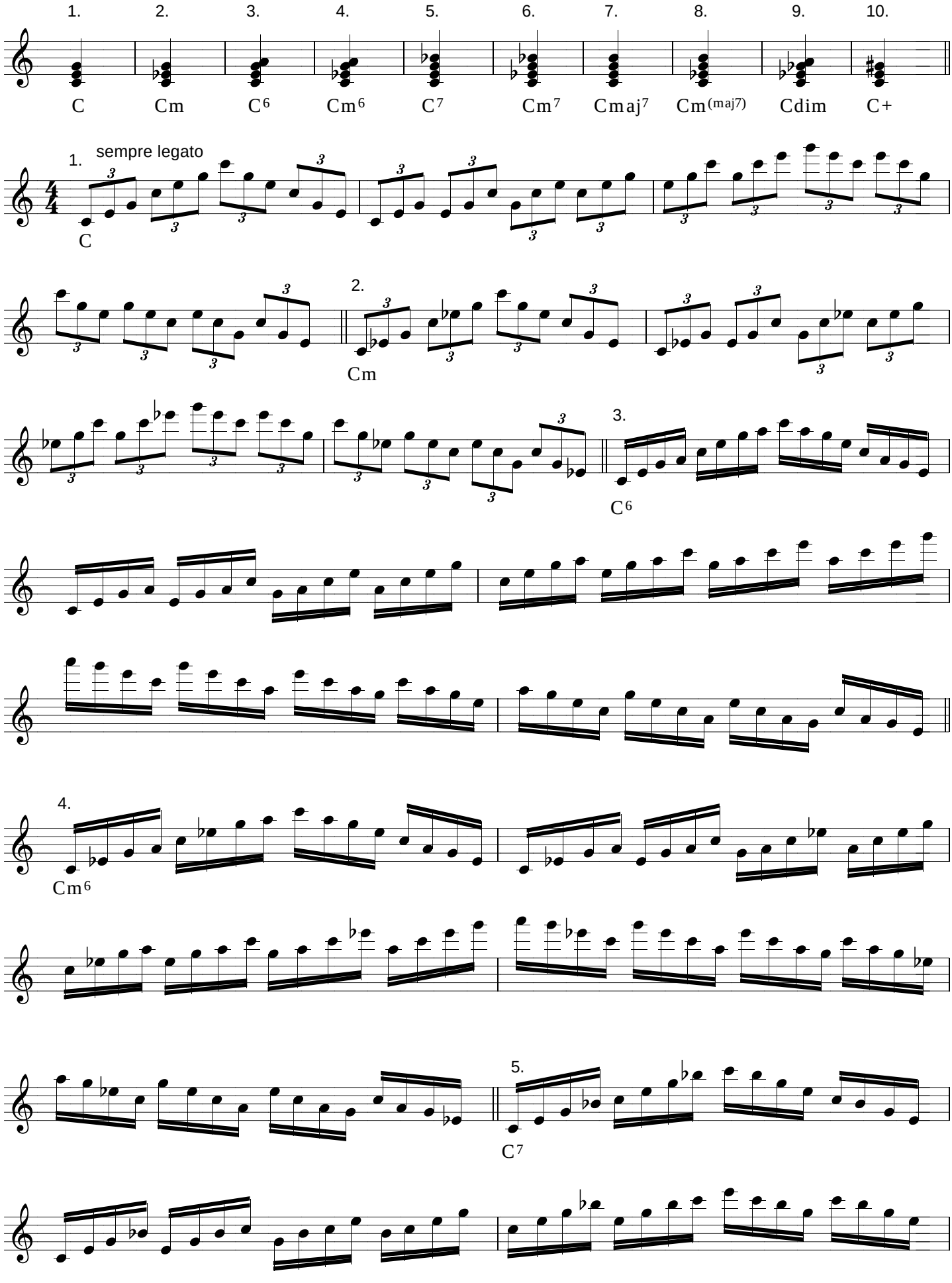
Strong vibrato
Voimakas vibrato

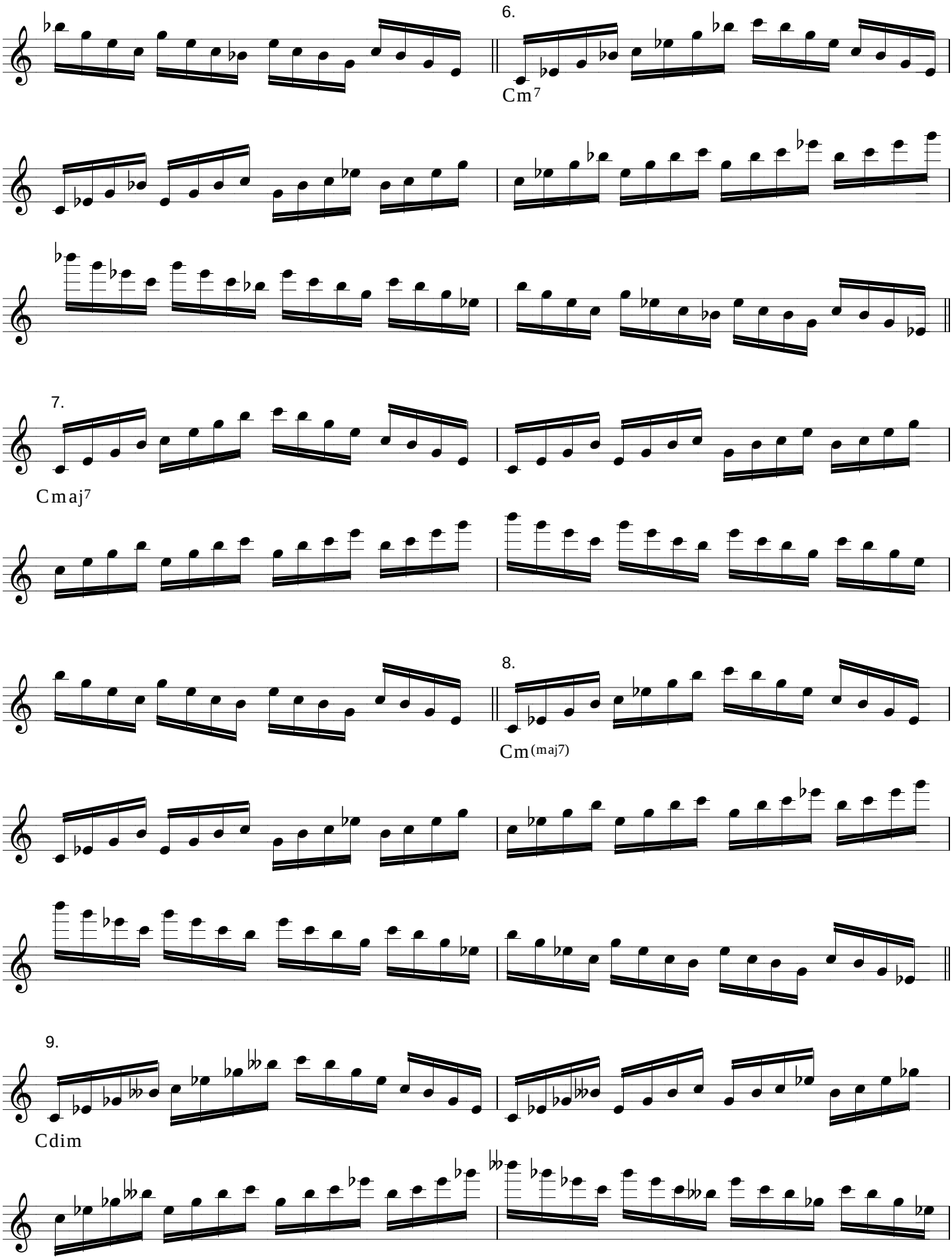


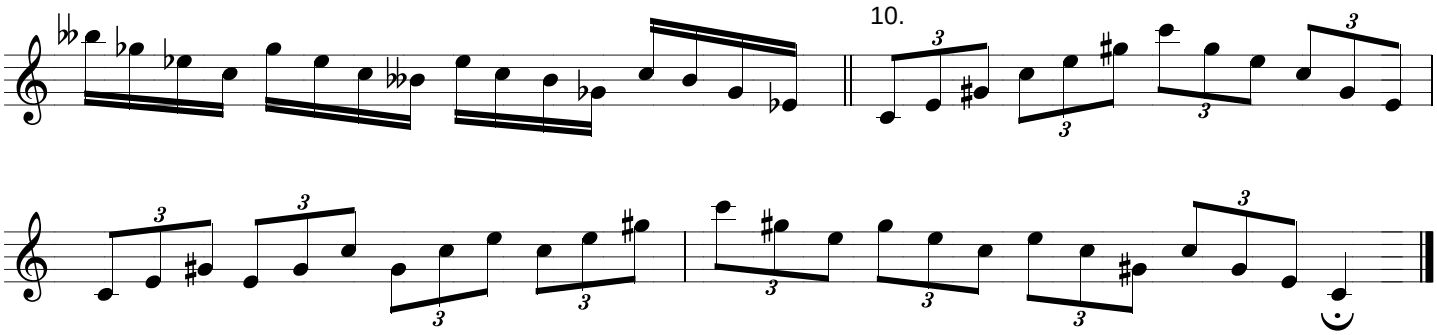
Normal vibrato, listen for the sonority in a quiet dynamic, "shouting whisper"
Normaali vibrato ja hiljaisen nyanssin kantavuus, "huutava kuiskaus"



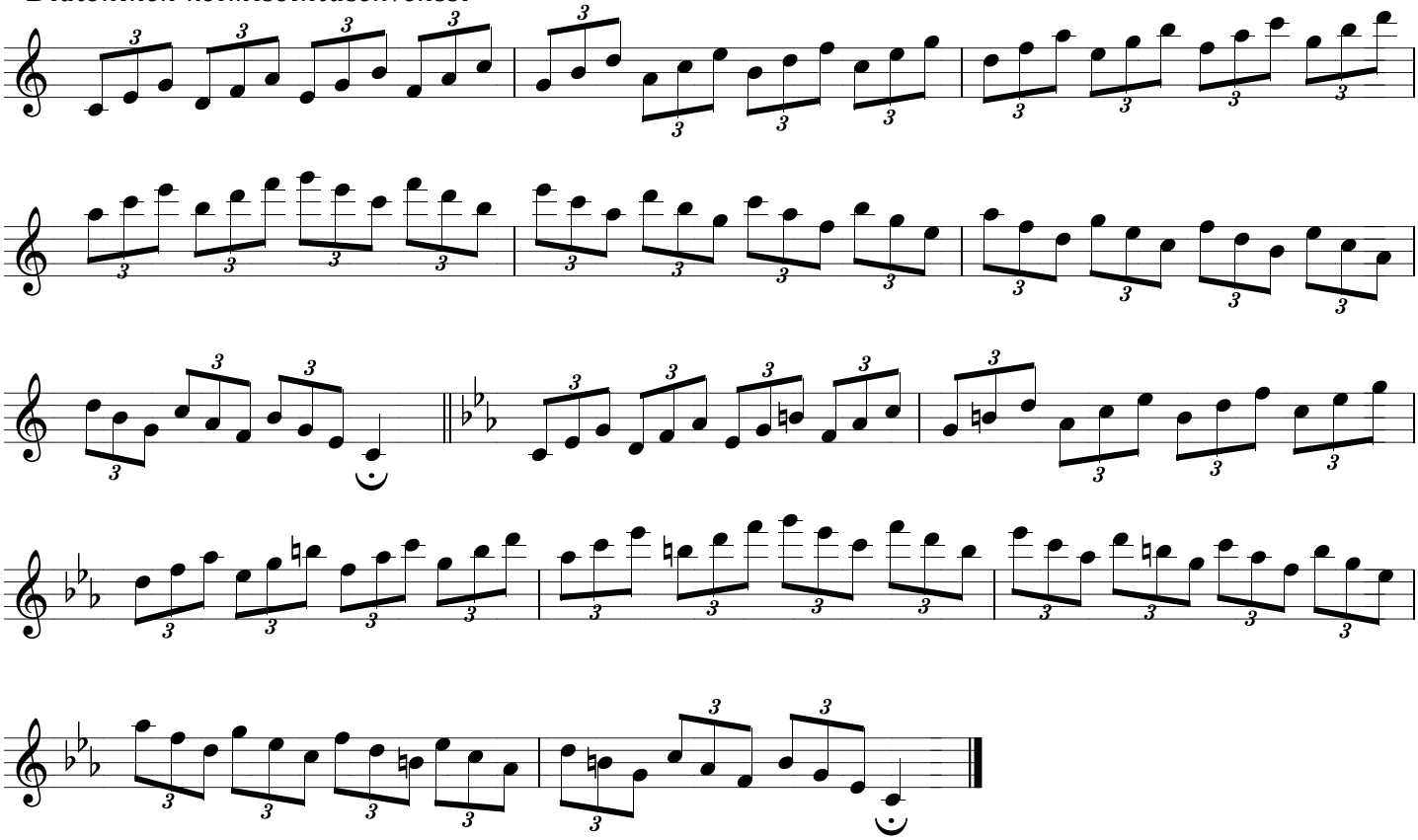
VI Chord exercises • Sointuharjoituksia



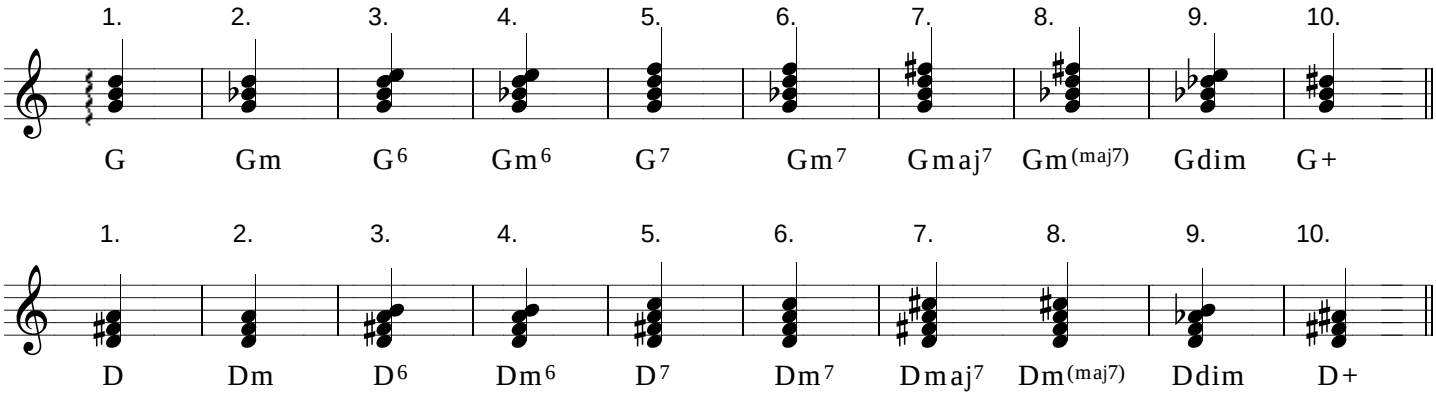

6.
Cm7
7.
Cmaj7
8.
Cm(maj7)
9.
Cdim

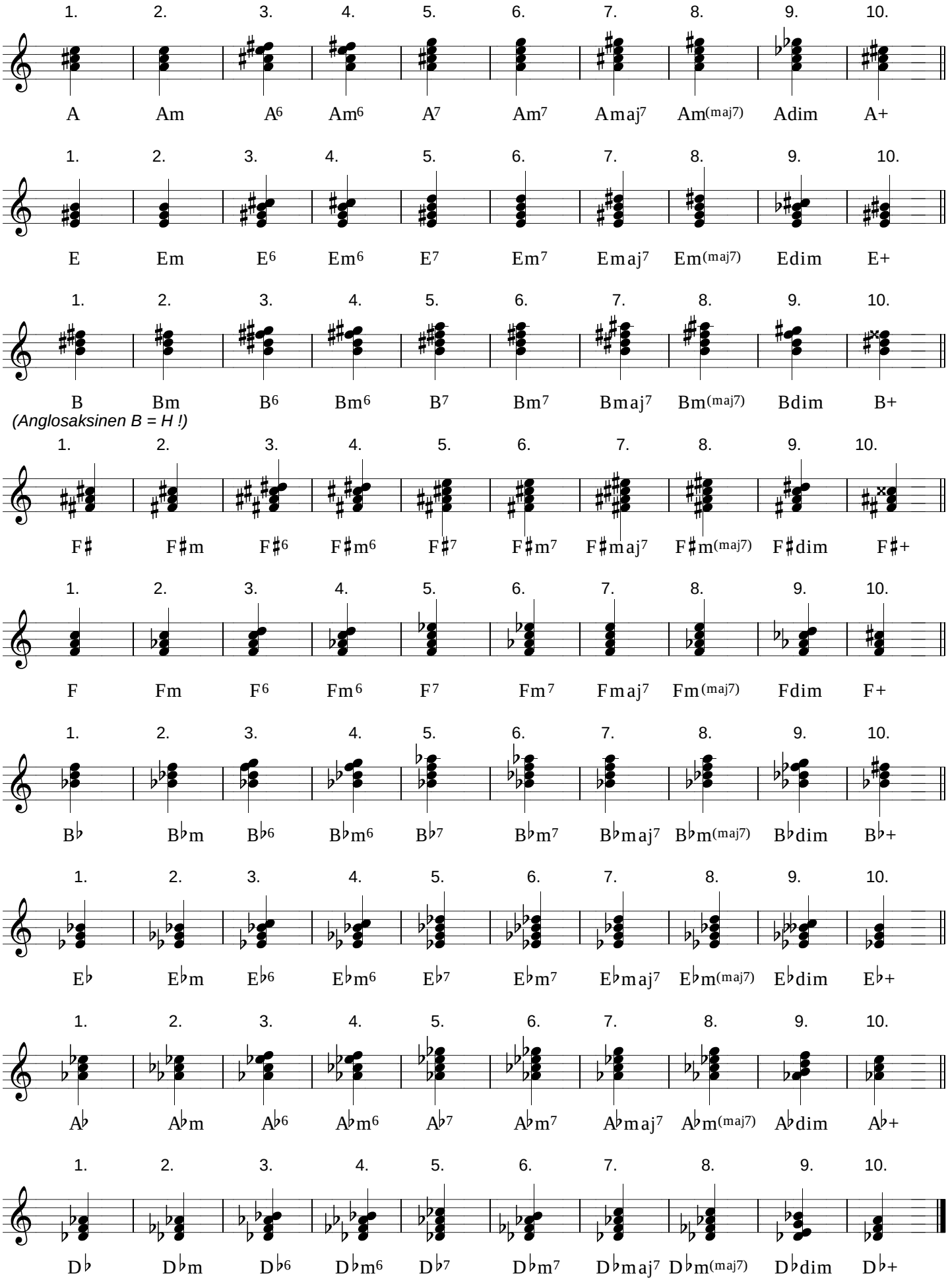


Diatonic chord sequence
Diatoninen kolmisointusekvenssi



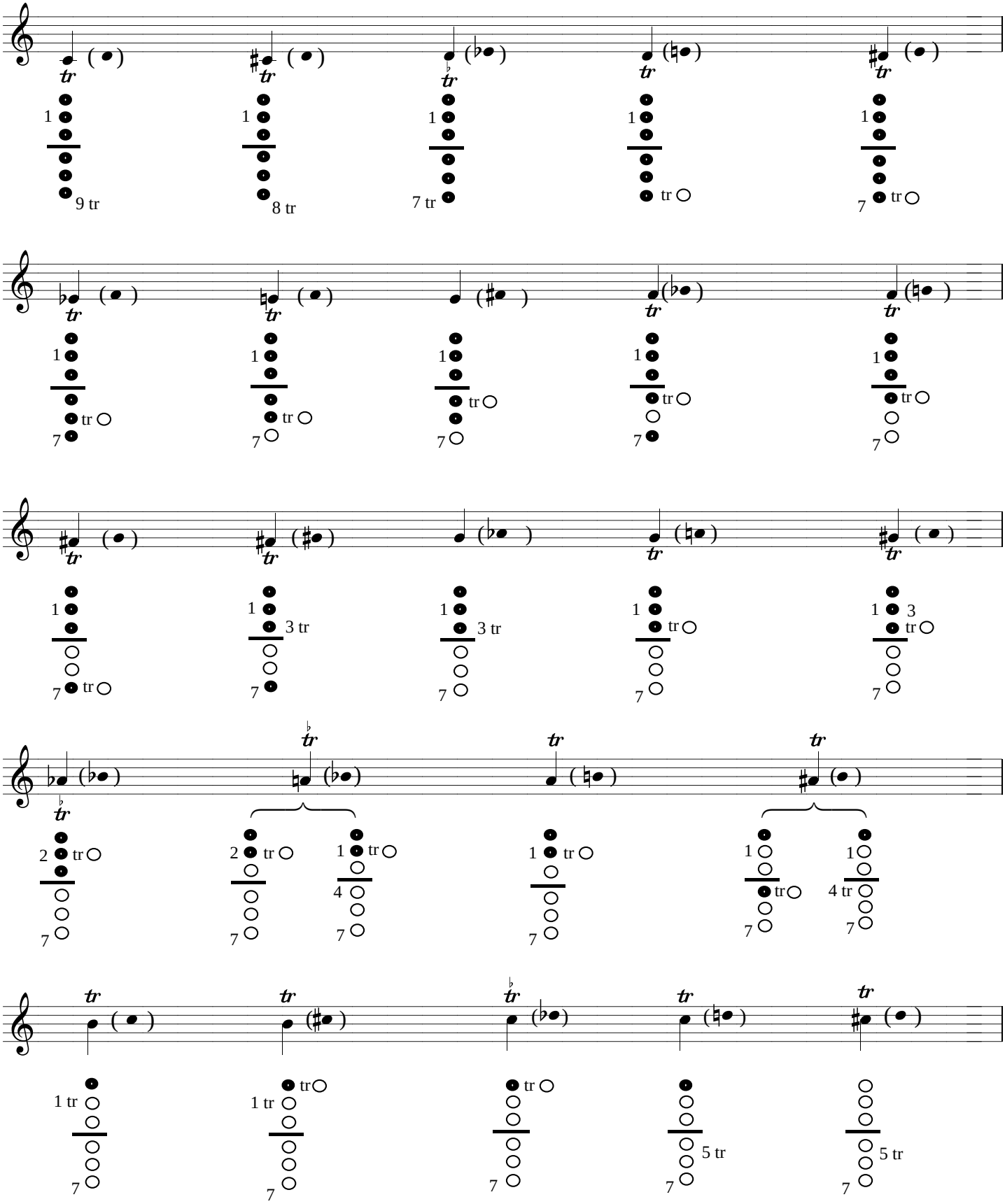
Practice all keys using this Chord Exercise system!
Harjoittele muutkin sävellajit edellä olevan mallin mukaan!

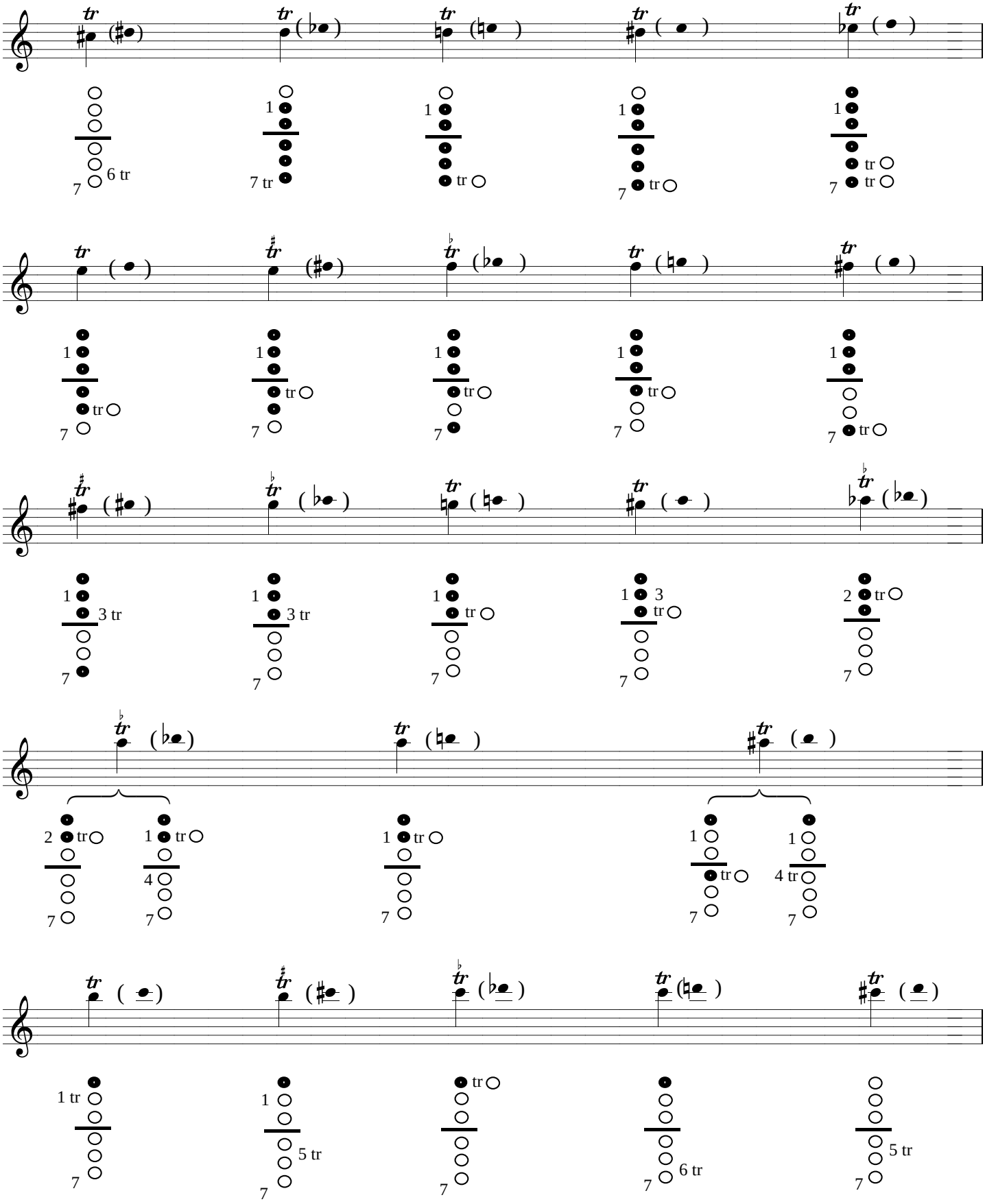


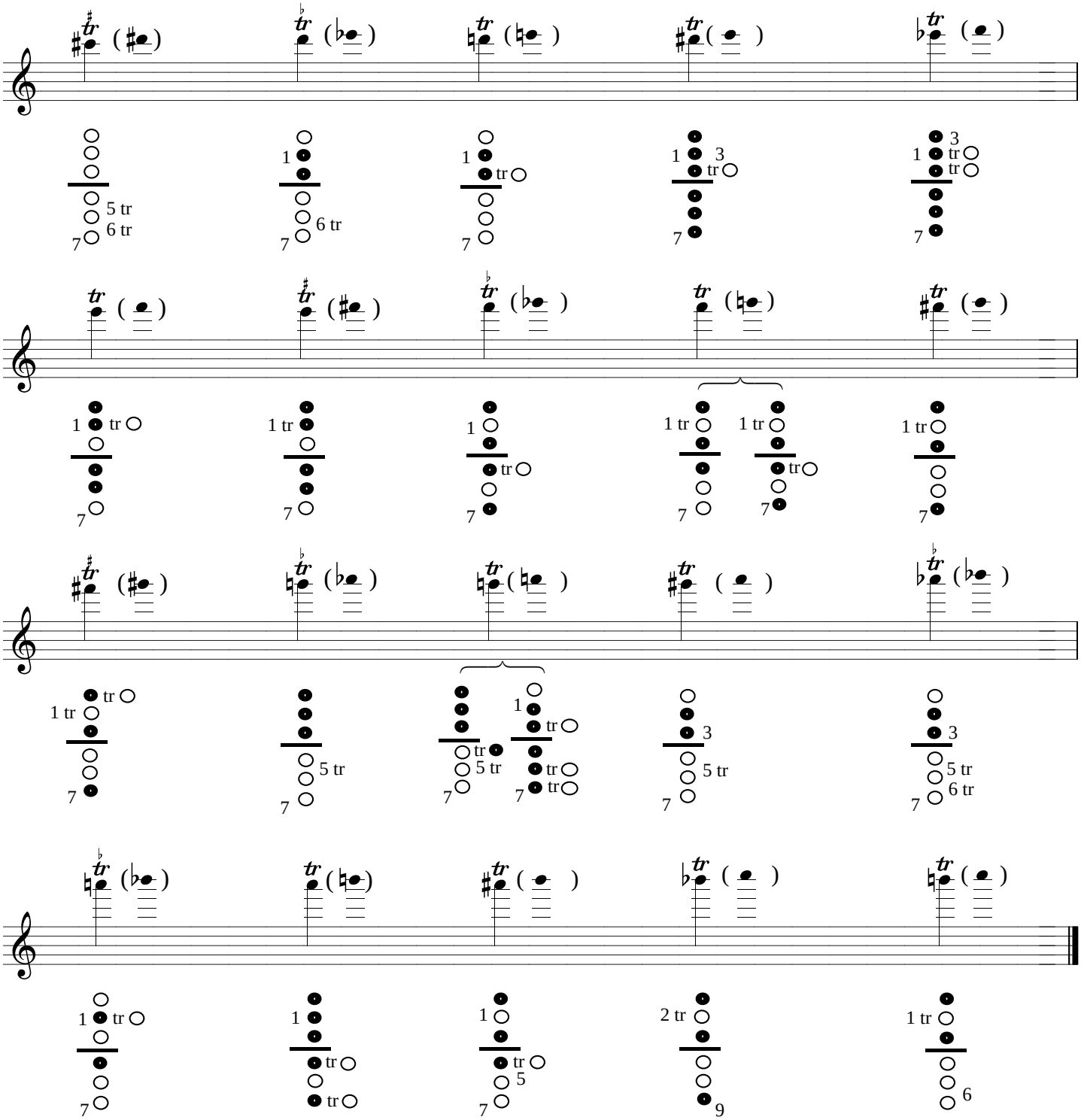

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
A Am A6 Am6 A7 Am7 Amaj7 Am(maj7) Adim A+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
E Em E6 Em6 E7 Em7 Emaj7 Em(maj7) Edim E+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
B Bm B6 Bm6 B7 Bm7 Bmaj7 Bm(maj7) Bdim B+
(Anglosaksinen B = H !)
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
F♯ F♯m F♯6 F♯m6 F♯7 F♯m7 F♯maj7 F♯m(maj7) F♯dim F♯+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
F Fm F6 Fm6 F7 Fm7 Fmaj7 Fm(maj7) Fdim F+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
B♭ B♭m B♭6 B♭m6 B♭7 B♭m7 B♭maj7 B♭m(maj7) B♭dim B♭+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
E♭ E♭m E♭6 E♭m6 E♭7 E♭m7 E♭maj7 E♭m(maj7) E♭dim E♭+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
A♭ A♭m A♭6 A♭m6 A♭7 A♭m7 A♭maj7 A♭m(maj7) A♭dim A♭+
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
D♭ D♭m D♭6 D♭m6 D♭7 D♭m7 D♭maj7 D♭m(maj7) D♭dim D♭+

VII Trill chart • Trillitaulukko

See the numbering of Keys, page 38
Katso läppien numerointi, sivu 38






5 tr
6 tr
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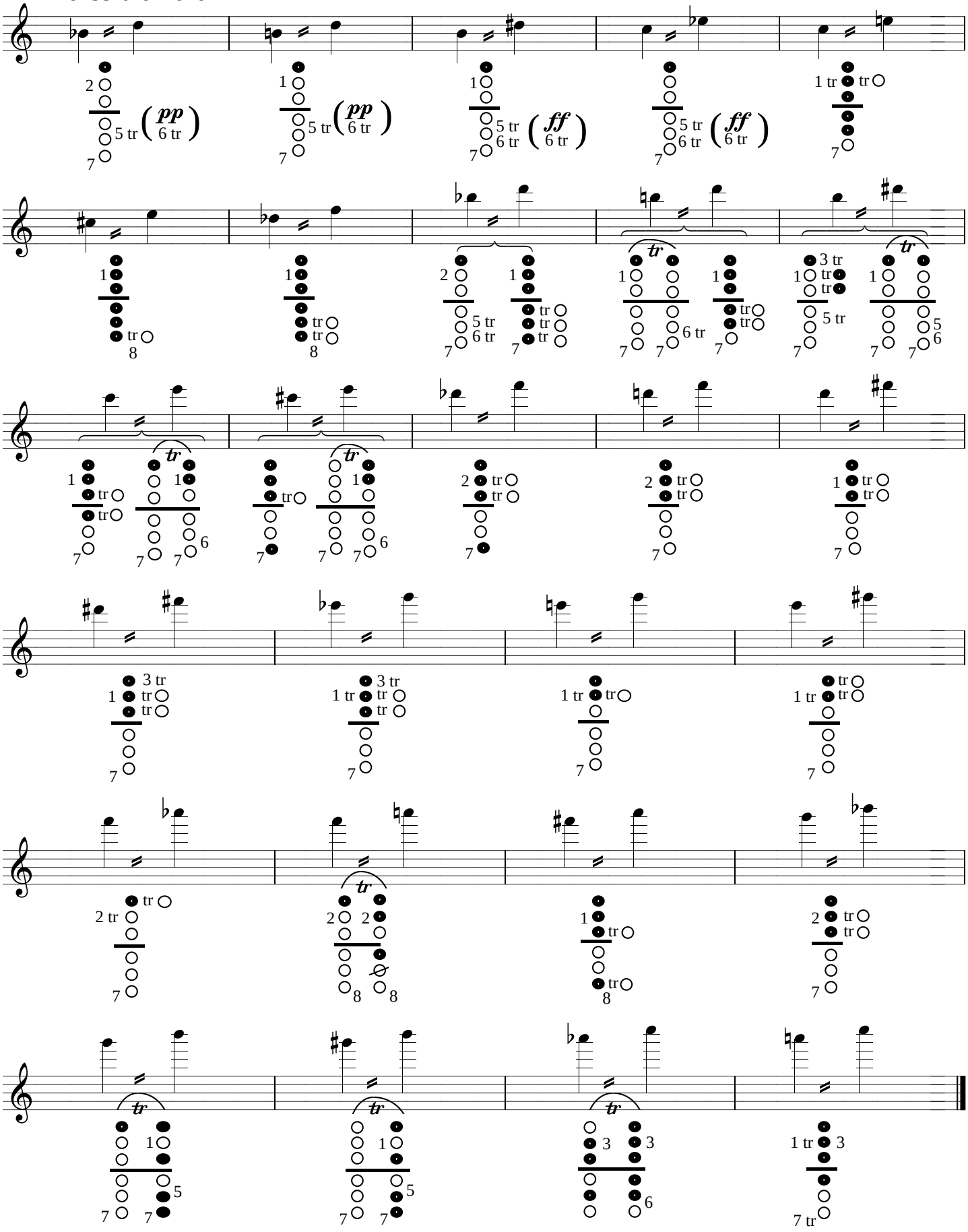
7
1 tr
7
1 tr
7
tr
5 tr
7
5 tr
7
1
tr
tr
tr
7
3
5 tr
7
3
5 tr
6 tr
7
1
tr
7
1
tr
tr
1
tr
5
7
2 tr
9
1 tr
6

Tremolando in thirds

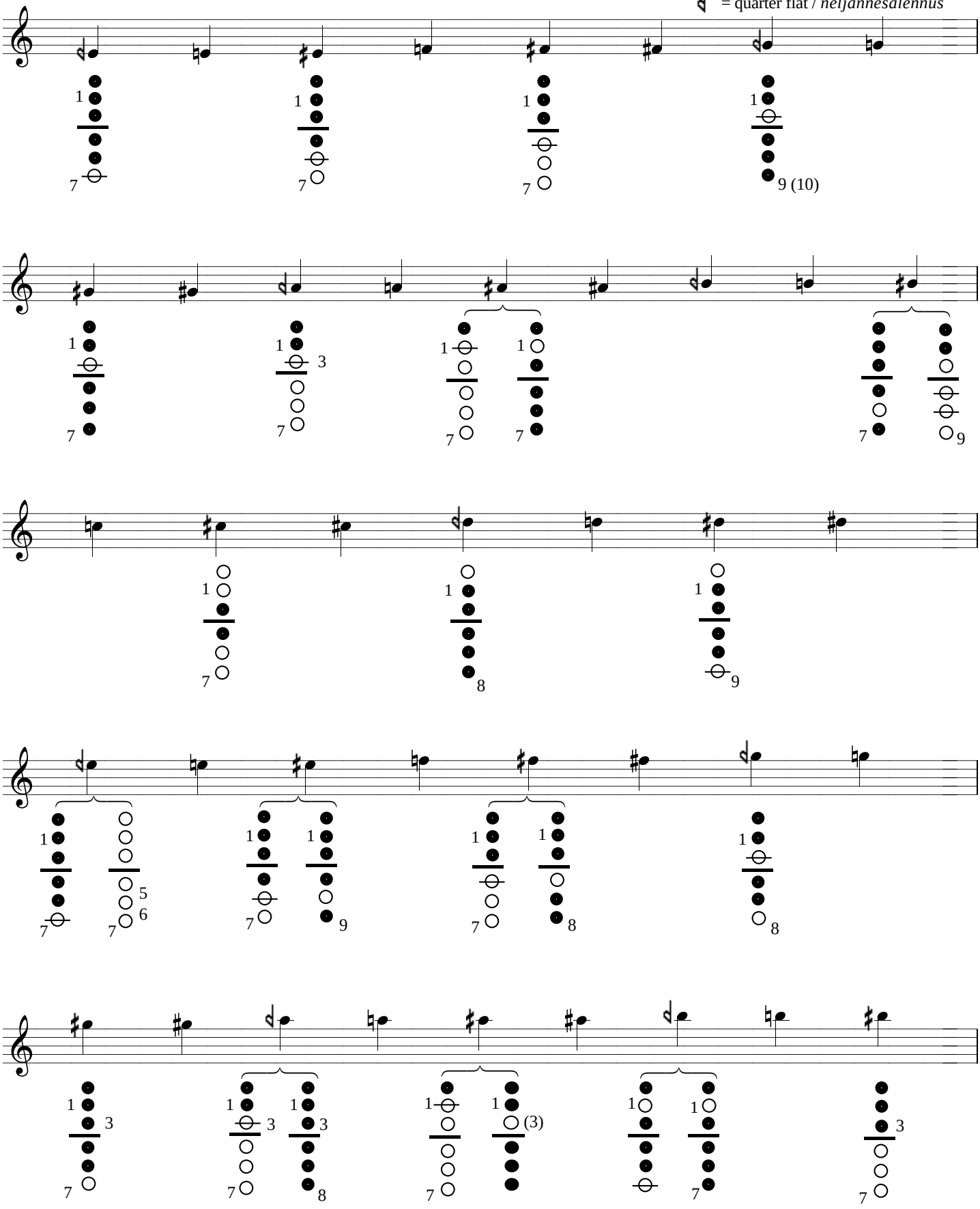
Terssitremolo

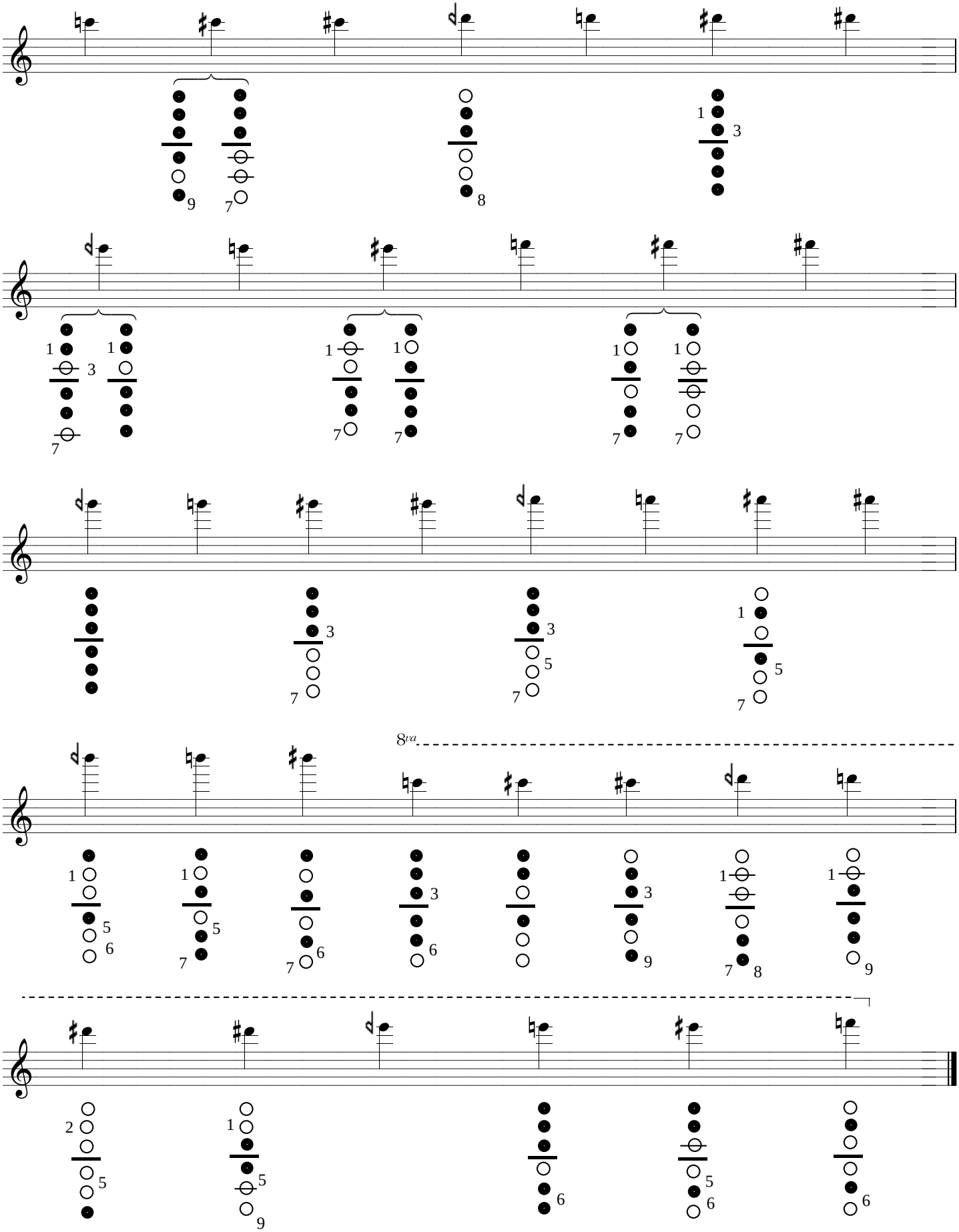


XIII Micro intervals • Mikrointervalleja

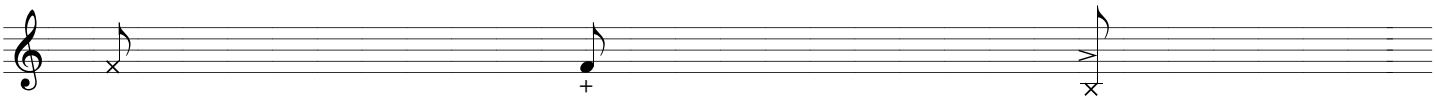
Quarter-tone fingering chart for French-model flute
Neljännessävelaskeleitten sormitustaulukko avoläppähuilulle

= quarter sharp / *neljänneskorotus*
= quarter flat / *neljännesalennus*




8va

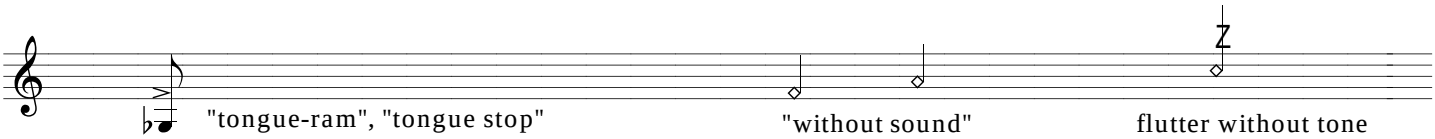
IX Some usual modern flute sounds
Tavallisimpia moderneja soittotapoja



key click without flute tone
läpänisku ilman säveltä

key click with flute tone
läpänisku + sävel

key click while covering mouthpiece with mouth
läpänisku, huulilla suljettu puhallusaukko,
(sormitus ilmaistu nuotin yläpuolella)

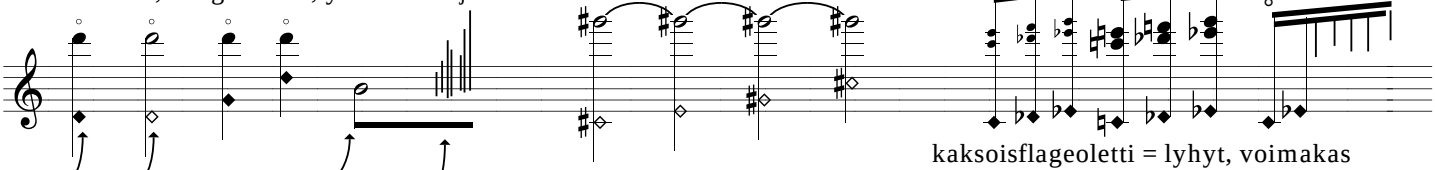


"tongue-ram", "tongue stop"
> = fingering, sormitus
imaisu tai puhallus ja voimakkaasti
kielellä katkaistu ilmavirta
(puhallusaukko suljettu huulilla)
(sormitus ilmaistu nuotin yläpuolella)

"without sound"
puolittainen puhallus,
suhinaa ilman säveltä
"S"

flutter without tone
suhinaa + "R"
Vrt Flz

"harmonic", "flageoletti", yläsävelsarjan osasävel

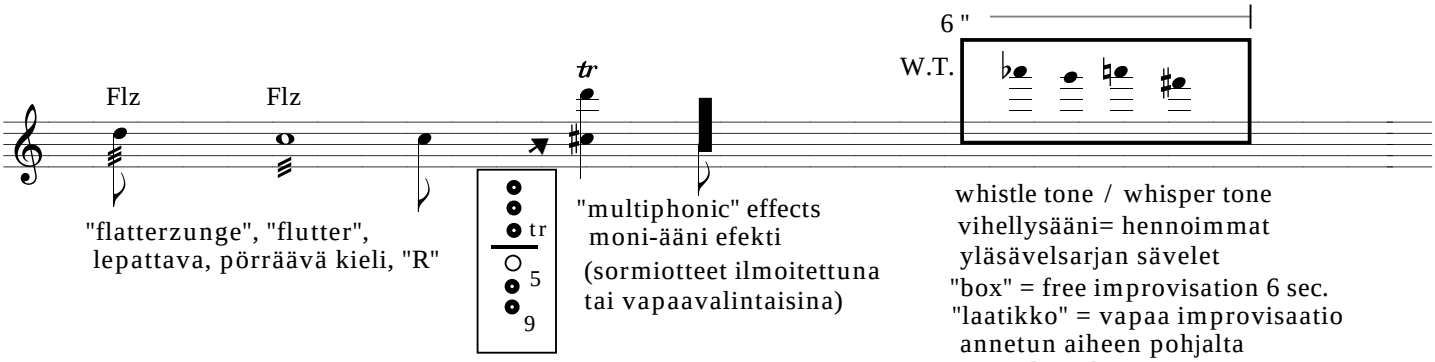


fingering, sormitus

free harmonics
sattumanvaraisia "ylipuhalluksia"

double harmonic, overblowing

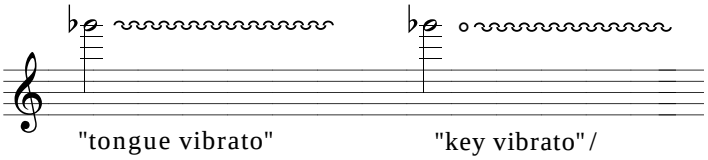
kaksoisflageoletti = lyhyt, voimakas
puhallus pienellä aukolla,
jolloin tavoittaa useampia
yläsävelsarjan ääniä



"flatterzunge", "flutter",
lepattava, pörräävä kieli, "R"

"multiphonic" effects
moni-ääni efekti
(sormiotteet ilmoitettuna
tai vapaavalintaisina)

whistle tone / whisper tone
vihellysääni= hennoimmat
yläsävelsarjan sävelet
"box" = free improvisation 6 sec.
"laatikko" = vapaa improvisaatio
annetun aiheen pohjalta
n. 6 sek. ajaksi



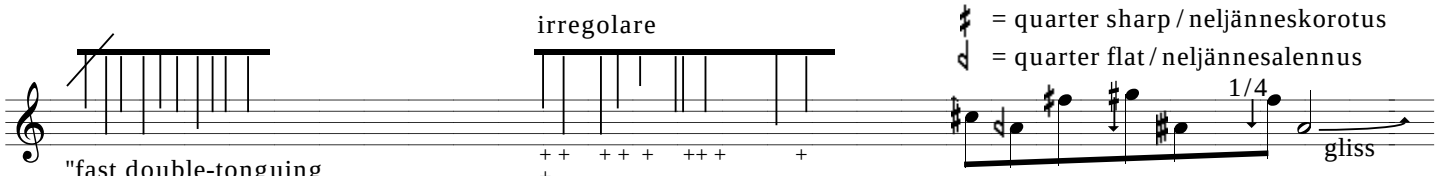
"tongue vibrato"
kieli-vibrato

"key vibrato" /
timbral trill
läppävibrato /
äänenväritrilli

other:
lisäksi:

Kehlkopfvibrato = mäkättävä kurkkuvibrato
Handshake vibrato =
rannevibrato, tärisevä huilu
Dog breath = läähätys huiluputkeen
Hissing embouchure =
sihinää osittain huiluputkeen

Basic Flute Technique



"fast double-tonguing
without tone"
nopea tuplakieli ilman säveltä,
sormitus valinnanvarainen

irregolare

key clicks, key noise
irregular rhythm
läppien kolinaa,
sormitus ja rytmi vapaa

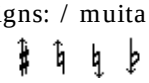
= quarter sharp / neljänneskorotus
= quarter flat / neljännesalennus

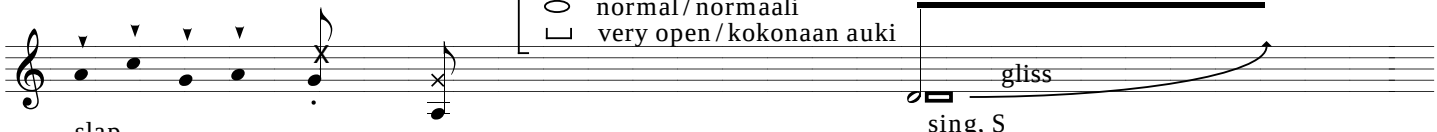
1/4

gliss

= 3/4 sharp / 3/4 korotus

other signs: / muita merkkejä:





embouchure opening:
puhallusaukko:
closed / suljettu
normal / normaali
very open / kokonaan auki

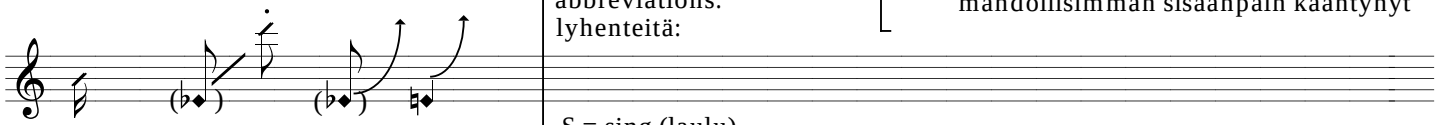
slap
"slap tongue", "pizz"
kieli-isku
"T"

"closed slap"
suljettu kieli-isku
eli "T" aksentti sisään huiluputkeen

gliss

sing, S
nouseva lauluääni + huiluääni

Angle of the flute: / puhalluskulma:
normal playing angle
puhalluskulma normaali
turned in as far as possible
mahdollisimman sisäänpäin kääntynyt



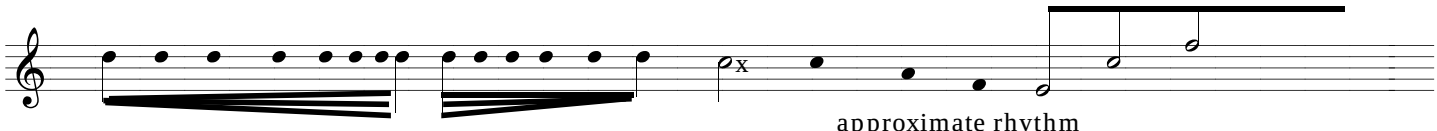
"jet-blow", jet whistle
voimakas, viiltävä
puhallus huiluputkeen

abbreviations:
lyhenteitä:

S = sing (laulu)
Wh = whisper (kuiskaus)
Sp = speak (puhe)
Wsl = whistle (vihellys)
WT = "whistle-tone"
("vihellysääni")
K, H, Kiss = special articulations /
erikoisartikulaatio-ääntеitä
N = normaali sävel / soittotapa
ord. = ordinario eli tavallinen

Tone colors: / äänen värisävyjä:

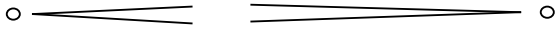
color changes; dark,
bright, open, closed etc
with differents fingerings
sormituksilla vaihdettavat
äänen värit; tumma,
kirkas, avoin, suljettu jne



accelerating figure
kiihtyvä kuvio

descelerating figure
hidastuva kuvio

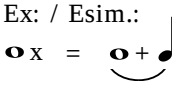
approximate rhythm
viitteellinen rytmi



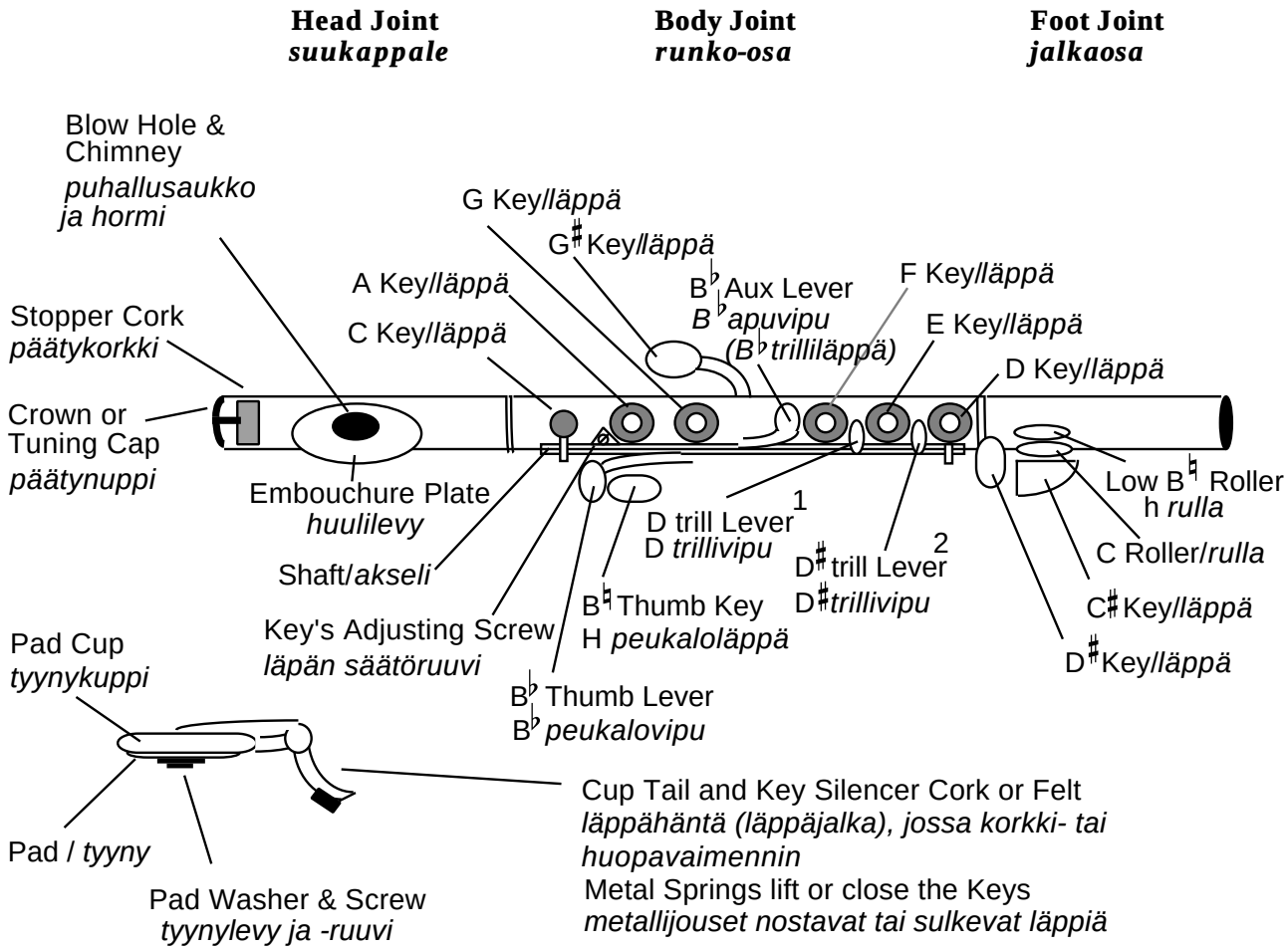
crescendo from silence and until diminuendo into silence
hiljaisuudesta alkaen ja loppuen

x = 1/4 lengthening of rhythm value
x = 1/4 nuottiarvon pidennys

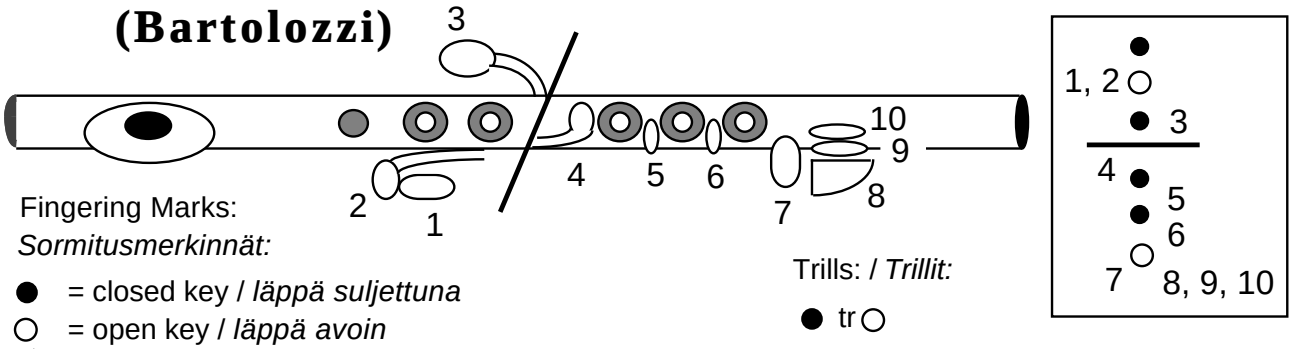
Ex: / Esim.:



X The Parts of the flute • Huilun osat



The Numbering of keys • Läppien numerointi (Bartolozzi)



Fingering Marks:
Sormitusmerkinnät:

- ● = closed key / *läppä suljettuna*
- ○ = open key / *läppä avoin*
- ∅ = only the key-ring closed / *vain läppärengas (kehä) suljettuna*
- ◗ = half opening / *puoliksi peitetty reikä*

Trills: / *Trillit:*

● tr ○

or / *tai*

lever nr + tr

vivun no + tr