

# **Tabiiy major va tabiiy minor intervallari**

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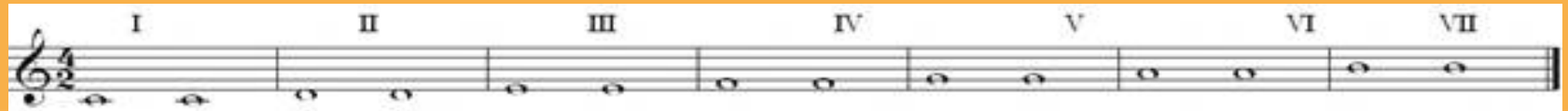
- Garmonik major va garmonik minor tonalliklarining intervallari,
- turg'un va noturg'un intervallar,
- xarakterli intervallar,
- turg'un interval,
- intervalning echilishi.

# Tabiiy major va tabiiy minor intervallari

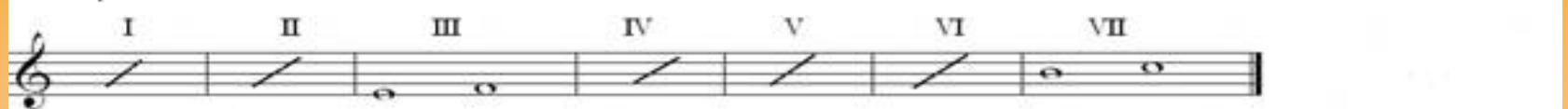
- Tabiiy major va tabiiy minor tovushqatorining pog'onalari faqat diatonik interval hosil qiladi. Istalgan har bir pog'onadan prima, sekunda, tertsiya, kvarta va boshqa intervallar tuzilishi mumkin.
- Asosiy vazifa bulardan har birining sifat miqdorini, ya'ni, qaysisi sof, kichik yoki katta ekanligini aniqlashdan iborat.
- Yondosh intervallardan har birining umumiy soni ladning yetti pog'onasi soniga teng.

Jadval yordamida intervallarni o'rganish uchun quyidagilarga amal qilish zarur:

Tabiiy major va tabiiy minorda o'xshash intervallar hosil bo'ladi va ularning soni bir-biriga tengdir.



Sof prima



Kichik sekunda



Katta sekunda



Kichik tertsiya



Katta tertsiya



Sof kvarta

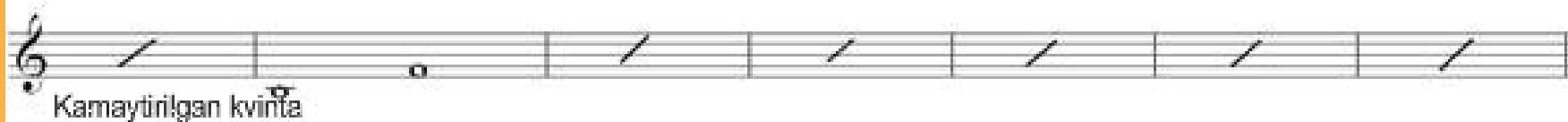


VII



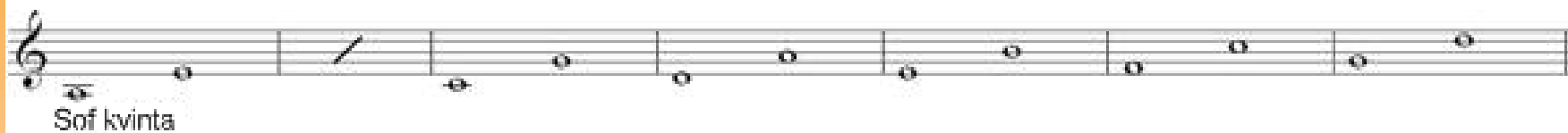
Orttirilgan kvarta

A musical staff in G major (one sharp) showing a broken interval of a fourth. The notes G4, B4, D5, and F5 are marked with diagonal slashes, indicating they are not part of the interval. The interval is formed by the notes G4 and C5.



Kamaytirilgan kvinta

A musical staff in G major showing a broken interval of a fifth. The notes G4, B4, D5, and F5 are marked with diagonal slashes. The interval is formed by the notes G4 and D5.



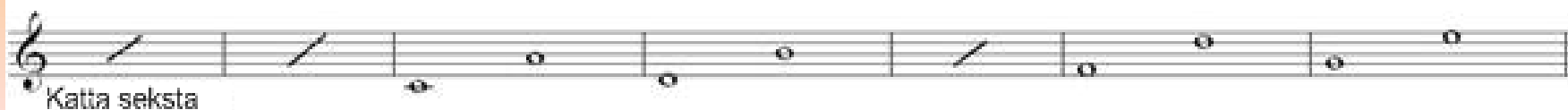
Sof kvinta

A musical staff in G major showing a pure interval of a fifth. The notes G4 and D5 are marked with solid circles.



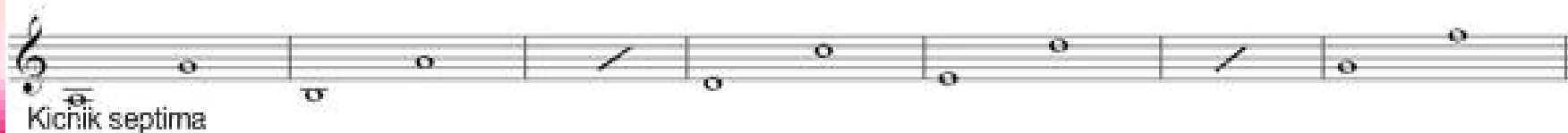
Kichik seksta

A musical staff in G major showing a broken interval of a sixth. The notes G4, B4, D5, and F5 are marked with diagonal slashes. The interval is formed by the notes G4 and E5.



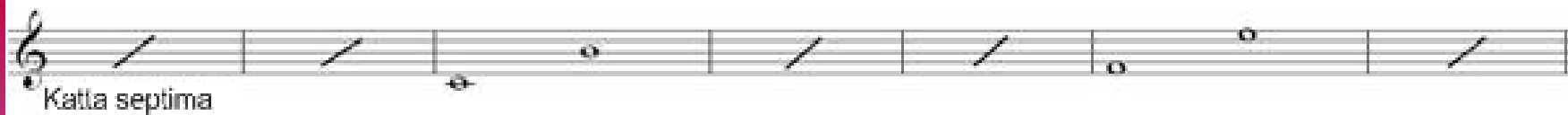
Katta seksta

A musical staff in G major showing a broken interval of a sixth. The notes G4, B4, D5, and F5 are marked with diagonal slashes. The interval is formed by the notes G4 and F5.



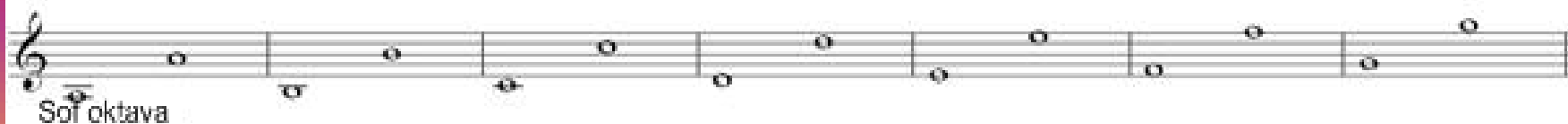
Kichik septima

A musical staff in G major showing a broken interval of a seventh. The notes G4, B4, D5, and F5 are marked with diagonal slashes. The interval is formed by the notes G4 and E5.



Katta septima

A musical staff in G major showing a broken interval of a seventh. The notes G4, B4, D5, and F5 are marked with diagonal slashes. The interval is formed by the notes G4 and F5.



Sof oktava

A musical staff in G major showing a pure interval of an octave. The notes G4 and G5 are marked with solid circles.

C-dur

a-moll

A musical staff in treble clef with a 12/4 time signature. The staff is divided into two measures by a double bar line. The first measure contains three chords: C major (I), F major (IV), and G major (V). The second measure contains three chords: E minor (III), A minor (VI), and B minor (VII). Each chord is represented by a stylized symbol consisting of a circle with a cross inside, positioned on the staff lines.

I

IV

V

III


VI

VII

Minorda majornikiga o'xshagan barcha intervallar majordagiga qaraganda ikki pog'ona yuqorida joylashadi.

Masalan, majorda katta tertsiya I, IV, V – pog'onalaridan,

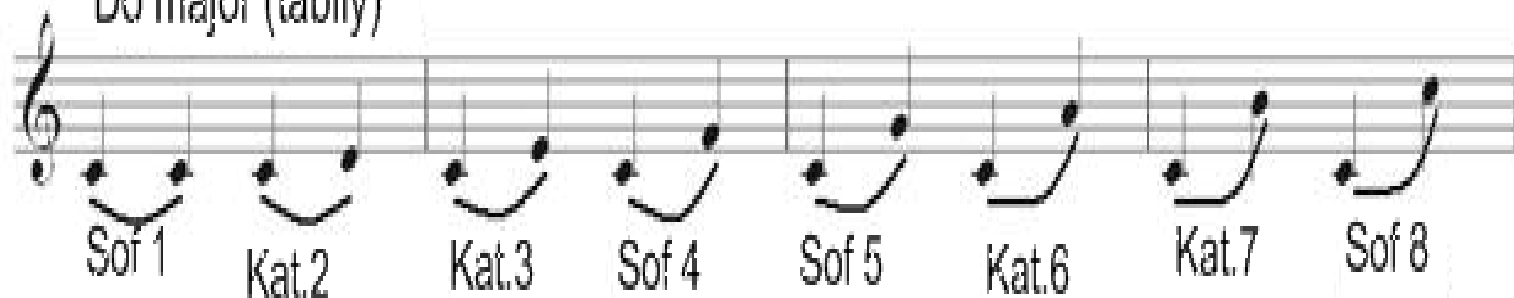
minorda esa III, VI, VII – pog'onalaridan yuqoriga qarab joylashadi.



Tabiiy major va minor intervallari o'ziga xos bo'lib, ular tabiiy minor gammasi pog'onalari intervallaridan farq qiladi.

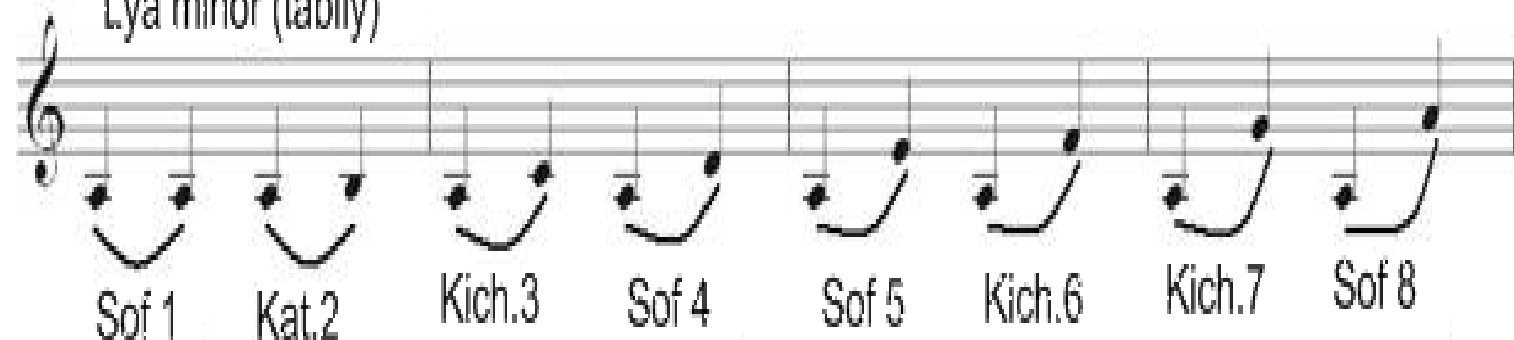
Jumladan, garmonik major va garmonik minorda uchraydigan intervallar tabiiy ko'rinishda uchramaydi.

### Do major (tabiiy)



Musical notation for the Do major (tabiiy) scale. The scale is written on a single treble clef staff. It consists of eight notes: Do, Re, Mi, Fa, Sol, La, Si, and Do. Each note is represented by a quarter note with a stem and a flag. The notes are connected by a slur. Below each note is a label: Sof 1, Kat.2, Kat.3, Sof 4, Sof 5, Kat.6, Kat.7, and Sof 8.

### Lya minor (tabiiy)



Musical notation for the Lya minor (tabiiy) scale. The scale is written on a single treble clef staff. It consists of eight notes: Do, Re, Mi, Fa, Sol, La, Si, and Do. Each note is represented by a quarter note with a stem and a flag. The notes are connected by a slur. Below each note is a label: Sof 1, Kat.2, Kich.3, Sof 4, Sof 5, Kich.6, Kich.7, and Sof 8.

- Garmonik majorda 6-pog'onaning pasaytirilishi va garmonik minorda 7-pog'onaning ko'tarilishi natijasida shu ladlarda hosil bo'lgan intervallar tabiiy major va tabiiy minor intervallaridan farq qiladi.
- Bu ladlardagi hosil bo'ladigan intervallar tabiiy ko'rinishda uchramaydi, shuning uchun bu xildagi intervallarga xromatik yoki **xarakterli intervallar** deyiladi.

Hammasi bo'lib to'rtta xarakterli interval bor, bular: ort.2, kam.7, ort.5, va kam.4 dan iborat.

Ushbu yangi intervallar majorda 6-pog'ona o'zgarishi bilan bog'liq.

**C – dur** garmonik



VI-pog'onadan ort,2      VII-pog'onadan kam,7      VI-pog'onadan ort,5      III-pog'onadan kam,4

The image shows a musical staff with a treble clef and a C major key signature. It displays the first four notes of the C major scale: C4, D4, E4, and F4. The intervals between these notes are labeled as follows: between C and D is a major second (ort,2); between D and E is a major second (ort,2); between E and F is a minor third (kam,4). The interval between C and F is a minor seventh (kam,7). The interval between F and C is a perfect fifth (ort,5). The notes are grouped into pairs: (C, D), (D, E), (E, F), and (F, C).

# Minorda esa 7-pog'onaning ko'tarilishi bilan bog'liq.

**a – moll**      garmonik

VII-pog'onadan ort.2      VII-pog'onadan kam.7      III-pog'nadan ort.5      VII-pog'onadan kam.4

- Tabiiy major va tabiiy minorning garmonik shaklga o'tishi natijasida ayrim diatonik intervallar o'zgaradi. Masalan, sof kvarta bilan sof kvinta o'rniga ort.4 bilan kam.5 shaklidagi ikkita uchtonlik hosil bo'ladi.

C-dur garmonik		a-moll гармоник	
VII-pog'na- dan ort.4	II-pog'nadan kam.5	II-pog'na- dan ort.4	VII-pog'na- dan kam.5

Uchtonlikning  
echilishida  
har ikkala  
tovush ham  
tortilish  
tomon bir  
pog'ona  
o'tadi,

orttirilgan  
kvartada-ikki  
tomonga,

kamaytirilgan  
kvintada bir-  
biriga tomon  
intiladi.

C-dur garmonik      a-moll garmonik

kam.4    sof 5    kam.4    sof 5    ort.4    sof 5    ort.5    sof 4

The image shows a musical staff with a treble clef, divided into two sections. The first section is labeled 'C-dur garmonik' and contains two pairs of notes: a pair of notes with a flat (F and C) and a pair of notes with a natural (C and G). The second section is labeled 'a-moll garmonik' and contains two pairs of notes: a pair of notes with a sharp (A and E) and a pair of notes with a natural (A and D). Below the staff, the notes are labeled with their positions: 'kam.4' (kamaytirilgan kvartada) and 'sof 5' (soltantada) for the first section, and 'ort.4' (orttirilgan kvartada) and 'sof 5' (soltantada) for the second section. The labels 'ort.5' and 'sof 4' are also present under the final notes of the second section.

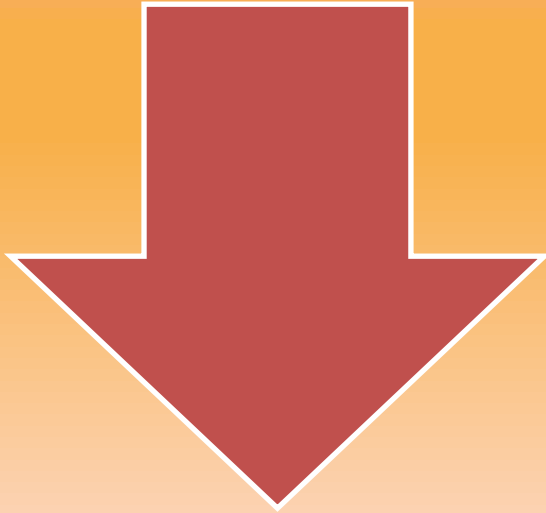
- Lad pog'onalari yordami bilan tuzilgan har bir interval o'zining akustik xususiyatlariga ega. Turg'un tovushlardan tuzilgan ohangdosh intervallar **turg'un interval** deyiladi. Ohangdosh interval noturg'un tovushlardan tuzilsa yoki bitta noturg'un va bitta turg'un tovushlardan tuzilsa baribir noturg'un interval bo'ladi. Demak, har qanday noohangdosh interval doim noturg'un hisoblanadi.

Tong

P.Chaykovskiy

**Allegro moderato**

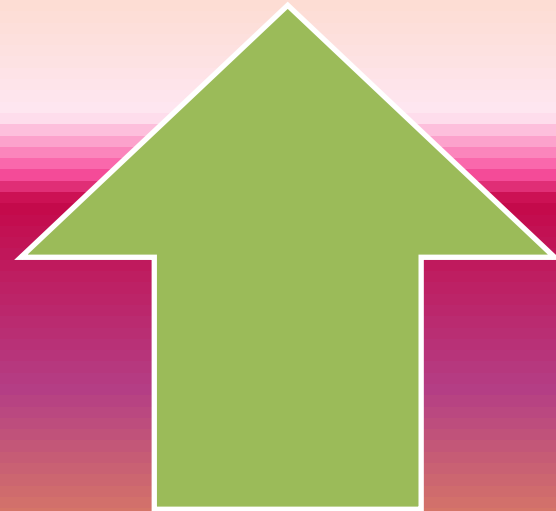




Noohangdosh  
intervalning echilishi  
deb uning  
ohangdosh  
intervalga o'tishi  
(aylanishi) ga  
aytiladi.



Noturg'un  
intervalning echilishi  
deb, uning turg'un  
intervalga o'tishiga  
aytiladi.



# Kat. 2 va kich. 7 ning yechilishi:

The image displays four lines of musical notation for guitar, each with a key signature and a sequence of chords. The notation includes treble clefs, 4/4 time signatures, and double bar lines. Chords are indicated by letters and numbers below the notes.

**C – dur**  
kat.2 kich.3 kat.2 kich.6 kich.7 kat.6 kich.7 kat.3

**c – moll**  
kat.2 kat.3 kat.2 kat.6 kich.7 kich.6 kich.7 kich.6

**C – dur**  
kat.2 kat.3 kat.2 sof 4 kich.7 kich.6 kich.7 sof 5

**c – moll**  
kat.2 kat.3 kat.2 kich.3 sof 1 kich.7 kich.6 kich.7 sof 8

# Noohangdosh sof kvartalarning yechilishi:

C-dur (c-moll)

Sof 4 Sof 4 Sof 4

The image shows a musical staff with a treble clef and a key signature of one flat (C major and c minor). The staff is divided into three measures. The first measure contains a quarter note chord with notes C4 and E4, followed by a slur over a quarter note chord with notes C4 and Bb4. The second measure contains a quarter note chord with notes C4 and E4, followed by a slur over a quarter note chord with notes C4 and E4. The third measure contains a quarter note chord with notes C4 and Bb4, followed by a slur over a quarter note chord with notes C4 and E4. Below each measure is the label 'Sof 4'.

# Kich.2 va kat.7 ning yechilishi:

The image displays a musical staff in 4/2 time, divided into two sections: C-dur (C major) and c-moll (C minor). The notation illustrates the resolution of the second degree (kich.2) and the seventh degree (kat.7) in both modes.

**C-dur (C major):**

- kich.2:** The second degree (D) is shown as a solid black dot on the second line of the staff. An arrow points from this dot to the second degree of the triad (D-F-A), which is represented by three open circles on the second, third, and fourth lines.
- kat.7:** The seventh degree (B) is shown as a solid black dot on the fourth space of the staff. An arrow points from this dot to the seventh degree of the triad (B-D-F), which is represented by three open circles on the fourth, first, and second lines.

**c-moll (C minor):**

- kich.2:** The second degree (D) is shown as a solid black dot on the second line of the staff. An arrow points from this dot to the second degree of the triad (D-F-A), which is represented by three open circles on the second, third, and fourth lines.
- kat.7:** The seventh degree (B) is shown as a solid black dot on the fourth space of the staff. An arrow points from this dot to the seventh degree of the triad (B-D-F), which is represented by three open circles on the fourth, first, and second lines.

- Uchtonlik yechilishida har ikkala tovush tortilish tomon bir pog'ona o'tadi, orttirilgan kvartada ikki tomonga, kamaytirilgan kvintada bir-biriga tomon harakat qiladi.

C-dur

ort.4 kich.6 kam.5 kam.3    ort.4 kat.6 kam.5 kich.3

a-moll garmonik

ort.4 kat.6 kam.5 kich.3    ort.4 kich.6 kam.5 kam.3