



Garmonik
minor.

Garmonik minor.

- Garmonik va melodik minor.
- Parallel tonalliklar.
- Minor tonalliklarining kvinta davrasi

Garmonik va melodik minor.

VII
pog'onaning
ko'tarilishi
yuqoriga
boshlovchi
tovush
tortilishini
yanada
kuchaytiradi.

Garmonik
minor tabiiy
minordan VII
pog'onaning
ko'tarilishi
bilan farq
qiladi.

- Garmonik minor gammasi sekundalarining birin-ketin joylashuv tartibi quyidagicha bo'лади:
- **kat.2, kich.2, kat.2, kat.2, kich.2, ort.2, kich.2.**

The image shows a musical staff with a treble clef and a key signature of one flat (B-flat). The scale is written as a sequence of notes: C4, D4, E4, F4, G4, A4, B4, C5. The intervals between these notes are indicated by numbers below the staff: 1, 0.5, 1, 1, 0.5, 1.5, 0.5. The degrees of the scale are labeled as Roman numerals: I, II, III, IV, V, VI, VII, (I).

Tonlar:	1	0.5	1	1	0.5	1.5	0.5
pog'onalar	I	II	III	IV	V	VI	VII (I)

Garmonik minor gammasining xarakterli xususiyatlaridan biri oltinchi pog'ona bilan yettinchi pog'ona o'rtasida orttirilgan sekundaning hosil bo'lishidir.

garmonik a-moll garmonik d-moll garmonik g-moll

This block contains the first three harmonic minor scales. Each scale is written on a single treble clef staff. The a-moll scale starts on A4, the d-moll scale on D4, and the g-moll scale on G4. Each scale consists of eight notes: the natural minor scale followed by a raised seventh degree. The notes are connected by quarter notes, and each scale ends with a double bar line.

garmonik c-moll garmonik f-moll garmonik b-moll

This block contains the next three harmonic minor scales. The c-moll scale starts on C4, the f-moll scale on F3, and the b-moll scale on B3. Each scale consists of eight notes: the natural minor scale followed by a raised seventh degree. The notes are connected by quarter notes, and each scale ends with a double bar line.

garmonik es-moll garmonik as-moll

This block contains the next two harmonic minor scales. The es-moll scale starts on E3, and the as-moll scale starts on A3. Each scale consists of eight notes: the natural minor scale followed by a raised seventh degree. The notes are connected by quarter notes, and each scale ends with a double bar line.

garmonik e-moll garmonik h-moll garmonik fis-moll


This block contains the next three harmonic minor scales. The e-moll scale starts on E4, the h-moll scale on H4, and the fis-moll scale on F#4. Each scale consists of eight notes: the natural minor scale followed by a raised seventh degree. The notes are connected by quarter notes, and each scale ends with a double bar line.

garmonik cis-moll garmonik gis-moll garmonik dis-moll

This block contains the next three harmonic minor scales. The cis-moll scale starts on C#4, the gis-moll scale on G#4, and the dis-moll scale on D#4. Each scale consists of eight notes: the natural minor scale followed by a raised seventh degree. The notes are connected by quarter notes, and each scale ends with a double bar line.

garmonik ais-moll


This block contains the final harmonic minor scale, ais-moll, starting on A#4. It consists of eight notes: the natural minor scale followed by a raised seventh degree. The notes are connected by quarter notes, and the scale ends with a double bar line.



Melodik minor tabiiy minordan oltinchi va yettinchi pog'onalarining yarim tonga ko'tarilishi bilan farq qiladi.

Oltinchi pog'onaning yarim tonga ko'tarilishi gammaning yuqori qismidagi tovushlarning teng joylashuviga yordam qiladi.

Bunda birinchi pog'onaga qarab yarim ton tortilgan yuqoriga boshlovchi tovush saqlanishi lozim.



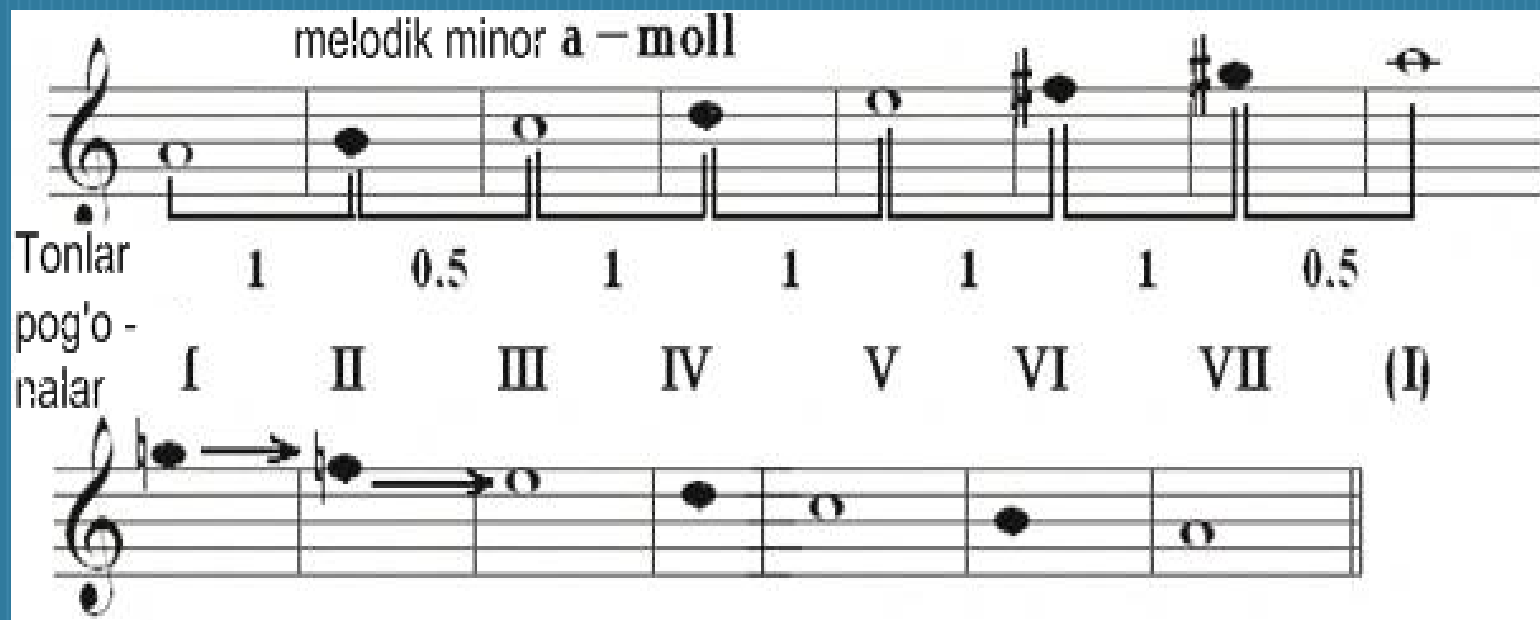
Melodik minor
gammasi pastga
tomon harakat
qilganda undagi
ko'tarilgan
pog'onalar
saqlanmaydi.

Gamma pastga
tomon tabiiy
minor pog'onalari
bo'yicha harakat
qiladi.

Bu tabiiy
minorning pastga
tomon harakati
vaqtida oltinchi
pog'onaning
xususiyatini, ya'ni
beshinchi
pog'onaga
intilishini tiklash
bilan bog'liqdir.

- Melodik minor gammasi sekundalarining birin-ketin yuqoriga tomon harakat qilishi quyidagi tartibda bo'ladi: **kat.2, kich.2, kat.2, kat.2, kat.2, kat.2, kich.2.**

melodik minor a – moll



Tonlar
pog'o-
nalar

1 0.5 1 1 1 1 1 0.5

I II III IV V VI VII (I)

Tabiiy ko'inishdagi major va minorda bir xil nomdagi tovushlar bo'ladi.

Kalit belgisi bir xil bo'lgan major va minor tonalliklari **parallel tonalliklar** deyiladi.

Masalan:

The image displays ten musical staves, each representing a diatonic scale in treble clef. The scales are arranged in five rows, with two scales per row. Each scale is labeled with its name in Azerbaijani. The scales are: 1. Do major parallel - lya minorga (C major / C minor); 2. Sol major parallel - mi minorga (G major / G minor); 3. Re major si minorga (D major / D minor); 4. Lya major parallel - fa diyez minorga (A major / A minor); 5. Mi major parallel - do diyez minorga (E major / E minor); 6. Si major parallel - sol diyez minorga (B major / B minor); 7. Fa diyez major parallel - re diyez minorga (F# major / F# minor); 8. Do diyez major parallel - lya diyez minorga (C# major / C# minor); 9. Si major (B major); 10. Do diyez major parallel - lya diyez minorga (C# major / C# minor).

Do major parallel- lya minorga Sol major parallel - mi minorga

Re major si minorga Lya major parallel -

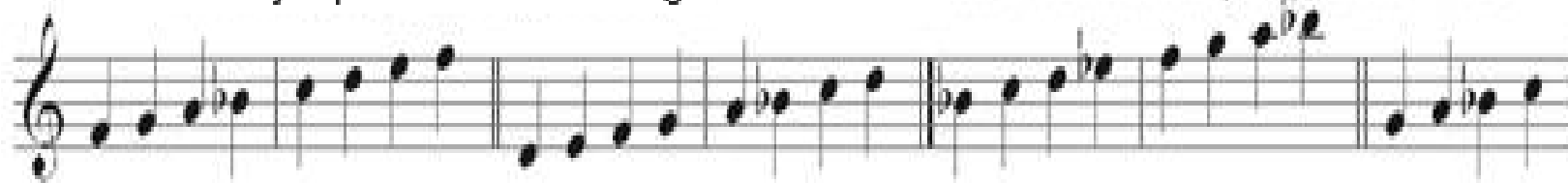
fa diyez minorga Mi major parallel - do diyez minorga Si major

parallel - sol diyez minorga Fa diyez major parallel - re diyez minorga

Do diyez major parallel - lya diyez minorga

Fa major parallel - re minorga

Si bemol major parallel - sol



minorga

Mi bemol major parallel - do minorga

Lya bemol major parallel -



fa minorga

Re bemol major parallel - si bemol minorga

Sol b major



parallel - mi bemol minorga

Do bemol major parallel - lya bemol minorga



Minor gammalarida birin-
ketin hosil bo'ladigan
diyezlar har bir
gammaning *ikkinchi*
pog'onasiga to'g'ri keladi.



Bemollar esa *oltinchi*
pog'onaga to'g'ri keladi.



Bu tonalliklar
nomlarining hosil bo'lishi
major tonalliklari
singaridir.



Minor tonalliklarining
soni ham major
tonalliklari soniga
tengdir, ya'ni **15 ta**
bo'ladi.

Minor tonalliklarining umumiy miqdori olti tonallikka ega. Bulardan uchta diyezli tonallik va qolgan uchta bemolli tonallikka engarmonik jihatdan teng bo'ladi:

Sol diyez minor
– lya bemol
minorga teng;

Re diyez minor
– mi bemol
minorga teng;

Lya diyez minor
– si bemol
minorga teng.

Barcha minor tonalliklari bir-biriga yondosh bo'lib, quyidagi tonalliklardan tarkib topadi:

The image displays three pairs of musical staves, each representing a minor scale. Each pair consists of a 'tabiiy' (natural) scale and a 'garmonik' (harmonic) scale. The scales are written in treble clef with a key signature of one or two sharps.

- E - moll:** The natural scale consists of the notes E, F, G, A, B, C, D, E. The harmonic scale consists of E, F, G, A, B, C, D[#], E.
- F - moll:** The natural scale consists of the notes F, G, A, B, C, D, E, F. The harmonic scale consists of F, G, A, B, C, D, E[#], F.
- G - moll:** The natural scale consists of the notes G, A, B, C, D, E, F, G. The harmonic scale consists of G, A, B, C, D, E, F[#], G.

Yondosh minor tonalliklari bir-biridan sof kvinta oralig'ida joylashganligi uchun minor ladining barcha tonalliklari mustaqil kvinta davrasini hosil qiladi,

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graph TD; A((Yondosh minor tonalliklari bir-biridan sof kvinta oralig'ida joylashganligi uchun minor ladining barcha tonalliklari mustaqil kvinta davrasini hosil qiladi,)) --> B((Qiyida minor tonalliklarining kvinta davrasi chizma tarzida ko'rsatilgan:)); B --> C((ya'ni, har bir yangi tuziladigan tonallik oldingisidan sof kvinta intervali miqdorida yuqorida joylashadi.)); C --> A;
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Quyida minor tonalliklarining kvinta davrasi chizma tarzida ko'rsatilgan:

ya'ni, har bir yangi tuziladigan tonallik oldingisidan sof kvinta intervali miqdorida yuqorida joylashadi.

