**A. Babaýewa**

# FORTEPIANO

Çagalar sazçylyk, sungat mekdepleri üçin
okuw kitaby

*Türkmenistanyň Bilim ministrligi
tarapyndan hödürlenildi*

Türkmen döwlet neşirýat gullugy
Aşgabat – 2013

UOK 78 + 377
B 20

**Babaýewa A.**
B 20 **Fortepiano.** Çagalar sazçylyk, sungat mekdepleri üçin okuw kitaby. – A.: Türkmen döwlet neşirýat gullugy, 2013.

TDKP № 322, 2012 KBK 85.245 ýa 72

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**TÜRKMENISTANYŇ PREZIDENTI**
**GURBANGULY BERDIMUHAMEDOW**

**TÜRKMENISTANYŇ DÖWLET TUGRASY**

**TÜRKMENISTANYŇ DÖWLET BAÝDAGY**

## TÜRKMENISTANYŇ DÖWLET SENASY

Janym gurban saňa, erkana ýurdum,
Mert pederleň ruhy bardyr köňülde.
Bitarap, garaşsyz topragyň nurdur,
Baýdagyň belentdir dünýäň öňünde.

*Gaýtalama:*

Halkyň guran Baky beýik binasy,
Berkarar döwletim, jigerim-janym.
Başlaryň täji sen, diller senasy,
Dünýä dursun, sen dur, Türkmenistanym!

Gardaşdyr tireler, amandyr iller,
Owal-ahyr birdir biziň ganymyz.
Harasatlar almaz, syndyrmaz siller,
Nesiller döş gerip gorar şanymyz.

*Gaýtalama:*

Halkyň guran Baky beýik binasy,
Berkarar döwletim, jigerim-janym.
Başlaryň täji sen, diller senasy,
Dünýä dursun, sen dur, Türkmenistanym!

**Türkmenistanyň Prezidenti**
**Gurbanguly Berdimuhamedow:**

*– Dünýäde her bir ynsan üçin bilimleri özleşdirmekden, ylym öwrenmekden beýik zat ýokdur.*

# Giriş

Berkarar döwletiň bagtyýarlyk döwründe kämil ösüş ýoluna düşen Türkmenistanyň medeni syýasatynyň esasy maksady ýurtda adamyň, jemgyýetiň we döwletiň ruhy kämilliklere, abadan ýaşaýşa eýe bolmagy üçin amatly şertleri döretmäge ýardam etmeklige gönükdirilendir.

Taryhy köklerini has gadymdan alyp gaýdýandygy bilen dünýäniň ösen ýurtlarynyň arasynda iň bir abraýly orunlary eýeleýän milli medeniýetimizi gorap saklamak, ösdürmek we ony baýlaşdyrmak meselelerine hormatly Prezidentimiz Gurbanguly Berdimuhamedow aýratyn üns berýär.

Watanymyzda halkymyzyň köpasyrlyk milli medeniýetini we sungat mirasyny özleşdirmek ugrunda hem uly işler alnyp barylýar. Türkmen sazyny öwrenmek, sungat äleminde meşhurlyk gazanan saz ussatlarymyzyň nusgawy mekdebini çuň özleşdirmekde ýurdumyzyň kompozitorlarynyň, sazandalaryň, ýerine ýetirijileriniň alyp barýan düýpli işleriniň netijesinde bu günki gün türkmen sungaty täzeden galkyndy. Munuň netijesinde, biz öz watandaşlarymyzyň döreden eserleriniň üsti bilen halkymyzyň taryhyny, däp-dessuryny has-da çuňňur öwrenmäge mümkinçilik tapdyk. Ylmy işgärlerimiziň milli medeniýetimiziň egsilmez genji-hazynasyny öwrenmegi netijesinde, biz öz halkymyzyň gyzyla gaplaýmaly pähim-paýhasynyň nä derejede beýikligine örän çuň düşünýäris. Türkmen milletiniň örän gadymdan gelýän köp müňýyllyk taryhly milli baýlygy – medeniýeti bar. Biziň milli sungatymyz gözellikde deňi-taýy bolmadyk eserleri bilen halkymyzyň örän baý, hiç haçan egsilmejek döredijilik älemini özünde jemleýär. Biziň kompozitorlarymyzyň türkmen milli äheňlerine ýugrulan döredijiligi täze ylhamly beýik sungat mekdebidir.

Bu okuw kitaby çagalar sazçylyk, sungat mekdepleriniň «Fortepiano» bölüminiň 1-nji synp okuwçylarynyň hünär dersi hem-de beýleki bölümleriniň «Umumy fortepiano» dersi üçin niýetlenendir.

Bu işi taýýarlamak üçin, hormatly Prezidentimiz Gurbanguly Berdimuhamedowyň «Ösüşiň täze belentliklerine tarap» atly kitaplaryny, Ç. Babaýew we W. G. Hirunsewiň «Fortepiano çalmagy öwrenmegiň başlangyç mekdebi», A. Nikolaýewiň «Fortepiano çalmagy öwrenmegiň mekdebi», Ýu. Powžitkowyň «Fortepiano çalmagy öwrenmegiň mekdebi» atly okuw gollanmalary peýdalanyldy we şeýle-de mugallymçylyk tejribesine laýyklykda aýratynlyklara üns berildi.

«Fortepiano» okuw kitaby birnäçe bölümden durup, nazaryýet taýdan ýönekeýden çylşyrymlaşýar we ussatlyk endikleri bilen doldurylan:

**I.** Ýatdan aýdym aýtmak we çalmak.
**II.** Nota elipbiýi.
**III.** Iki el bilen çalmak.
**IV.** Barmaklary gezekleşdirip çalmak.
**V.** Nota ölçegi.
**VI.** Notalar bilen tanyşlygyň dowamy.
**VII.** Ses üýtgediji belgiler.
**VIII.** Sekizdenbirlik notalar.
**IX.** Temp. Sazyň öwüşginleri.
**X.** Ştrihler.
**XI.** Üç paýly ölçeg.
**XII.** Sazlaşyk.
**XIII.** Aşakdaky goşmaça çyzyklar.
**XIV.** Ýokardaky goşmaça çyzyklar.
**XV.** Bas açary.
**XVI.** Onaltydanbirlik notalar.
**XVII.** Gysgaça sözlük.

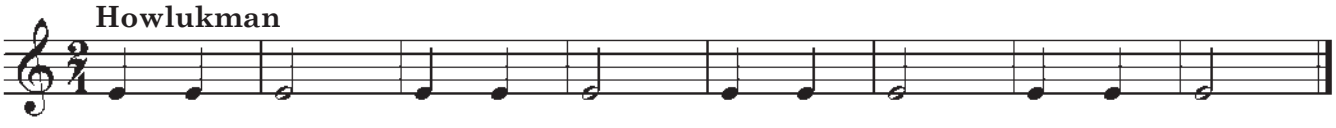
*Fortepiano çalmagy öwrenmek* ünsli bolmagy talap edýär. Her bir täze bölüm özleşdirilen wagtynda, oňa degişli 195 sany eser we gönükmeler berilýär. Saz guralynyň başynda dogry oturmagy, ellerini we barmaklaryny dogry goýmagy üçin düşündirişler, mugallymyň okuwça ştrihleri howlukman düşündirmegi üçin gönükmeler, şeýle-de degişli birnäçe eserler hem goşulýar. Okuwçylaryň başdan meşhur türkmen kompozitorlarymyz bilen tanyşmagy üçin olaryň suratlary ýerleşdirilendir.

*Bu okuw kitabynyň esasy maksady:* fortepiano çalmagy öwrenmekde basgançak boýunça ýönekeýden çylşyrymly eserlere kynçylyksyz geçmekdir. Bu kitaba fortepiano çalmagyň başlangyç mekdebi (nazaryýeti öwrenmegiň, saz guralynyň başynda dogry oturmak we ellerini goýmak meselelerine hem-de başlangyç ädimlerden gammalara aýratyn üns berilmegine çenli) doly girizildi.

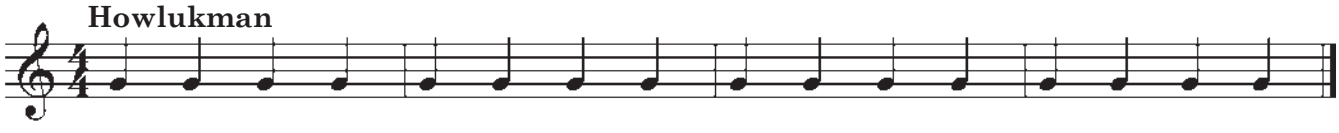
# I. ÝATDAN AÝDYM AÝTMAK WE ÇALMAK

Okuwçy mugallymyň kömegi bilen diňläp, sözsüz heňleri «*lýa*» diýip, sözli heňleri sözi boýunça aýtmaly.

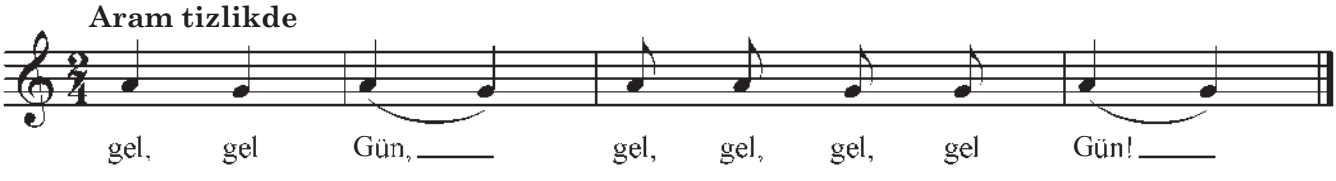
## 1. Heň



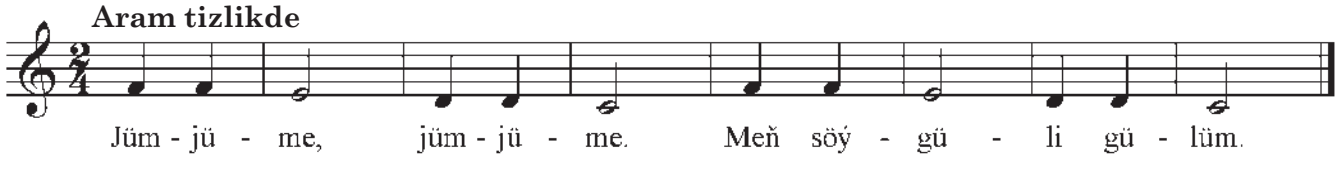

## 2. Heň




## 3. Gel, gel, Gün

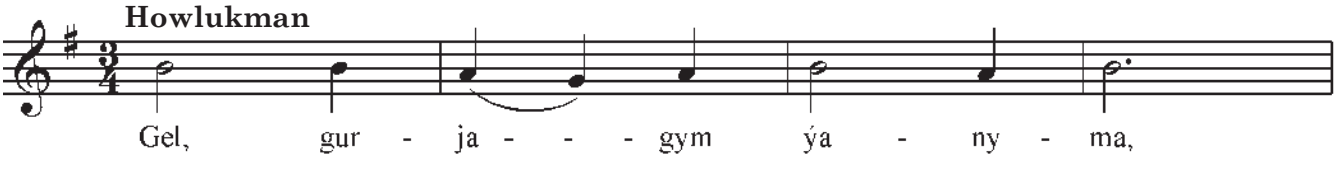


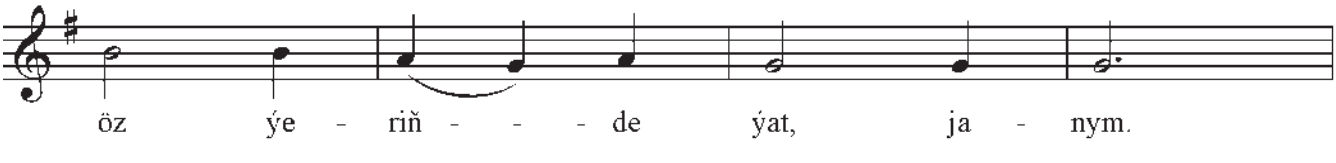

## 4. Jümjüme

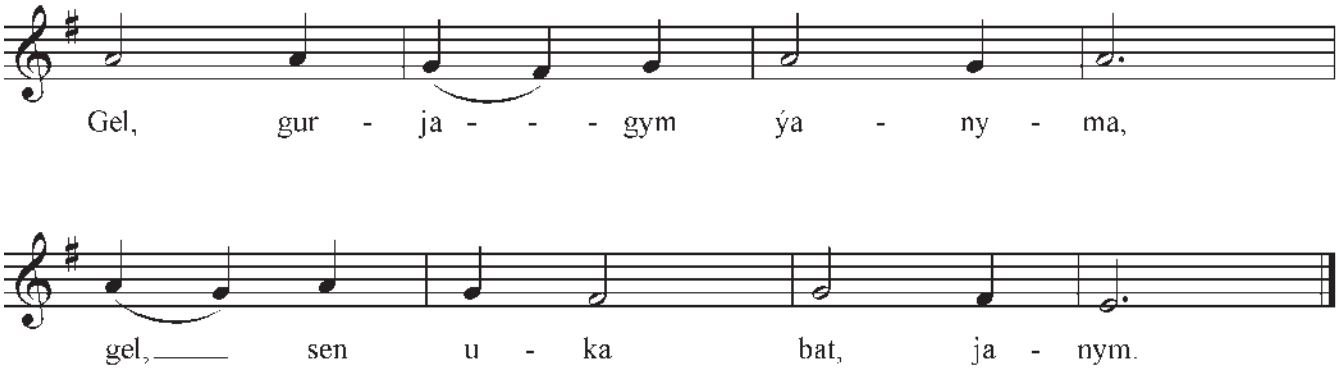



## 5. Hüwdi

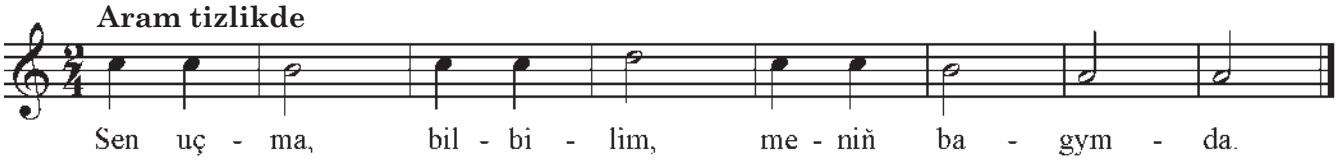
*W. Ahmedow*





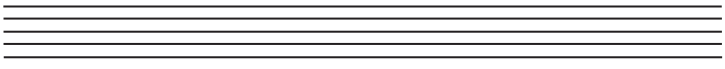

## 6. Uçma bilbil



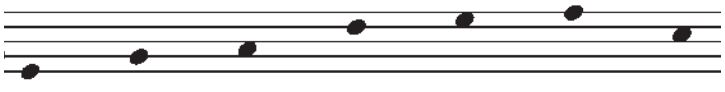
# II. NOTA ELIPBIÝI

## Nota düşegi. Skripka açary. Takt (kesim)

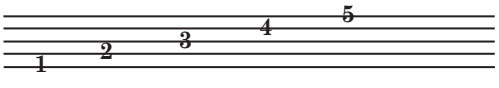
Sazda 7 esasy ses bar. Olaryň atlary: ***Do, re, mi, fa, sol, lýa, si.***
Olary ýat tutmaly. ***Si, lýa, sol, fa, mi, re, do*** – diýibem, aýdyp bilmeli.
Saz seslerini ýazga geçirmek üçin ulanylýan ýörite belgilere **nota** diýilýär.
Bäş çyzykdan düzülýän setire **nota düşegi** diýilýär.

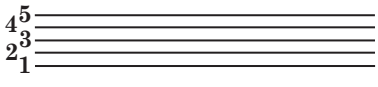


Nota düşeginde notalar ýerleşýär:

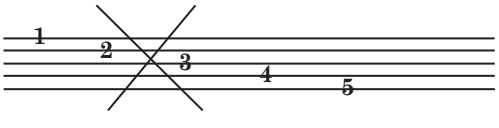


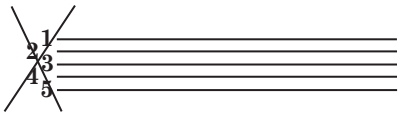
Nota düşeginiň çyzyklary aşakdan ýokary sanalýar:



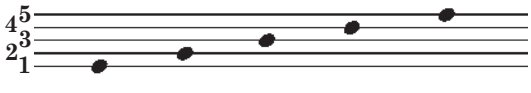




Nota düşeginiň çyzyklary ýokardan aşak sanalmaýar:

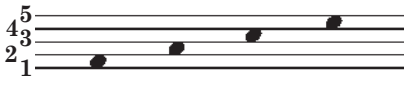



Notalaryň çyzyklaryň üstünde ýerleşişi:

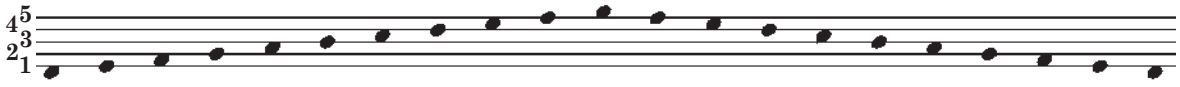



Notalaryň çyzyklaryň arasynda ýazylyşy:



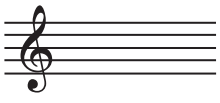

Notalar nota düşeginiň aşagynda hem-de ýokarsynda ýazylyp bilner:

Notalary nota düşeginde yzygiderli ýerleşdireliň:



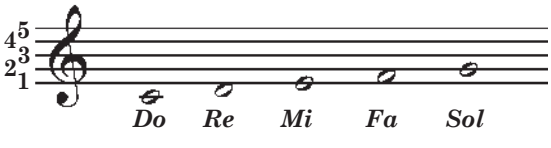

Notalaryň özara
Okaýan öz synpy bar.
Hem aýdyma, hem saza
Barynyň yhlasy bar.

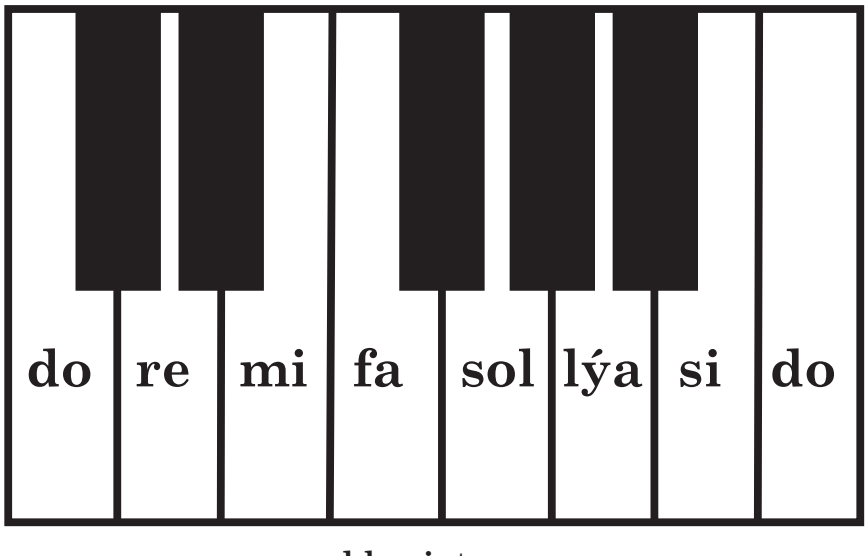
Şol şadyýana synpa
Biri myhman geläýse,
Dessine gujak açar
Saz açar – **skripka açary.**



Skripka açaryna **«sol»** açary hem diýilýär, sebäbi 𝄞 – skripka açary hem, sol notasy hem nota düşeginde ikinji çyzykda ýazylýar.

Mydam golun göterip,
Bäşlik baha alýar zol.
Giden uzyn hataryň,
Bäşinji notasy **Sol**.

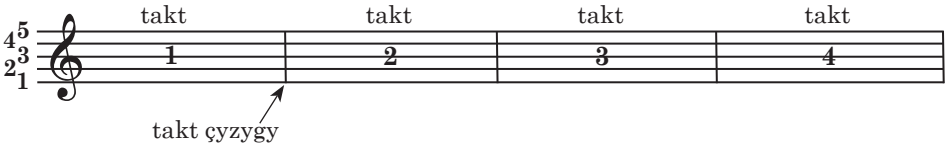


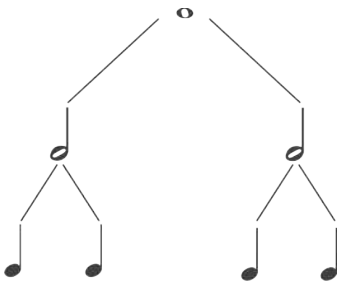

**klawiatura**

Fortepiano saz guralynyň başynda göwräňi dik saklap, aýaklaryňy bile goýup, oturgyjyň ýarysynda arkaň göni oturmaly. Oturan wagtyňda bükülmän, rahat, tirsekleriňi göwräňden gapdala süýşürip, klawiaturanyň deňinde saklamaly. Aýaklaryň ýere gowy ýetmese oturaňda aýaklaryňy berk diräp, rahat oturar ýaly, aýagyň aşagyna ýörite ýasalan enjam goýmaly.

Aýdym-sazyň deň aralyga bölünmegine saz kesimi (takt) diýilýär. Ony bölýän çyzyklara bolsa saz kesim çyzygy (takt çyzygy) diýilýär.



Saz sesleri uzyn we gysga dowamlylykda bolýar.



– bitin nota

– ýarymlyk nota

– çärýeklik nota

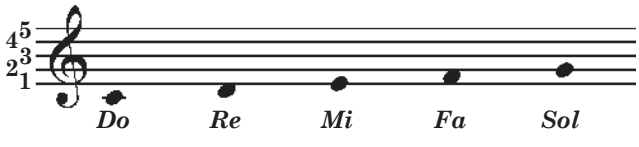
𝅝 – 1 i, 2 i, 3 i, 4 i – diýip sanalýança, dowam edýän ses.

𝅗𝅥 – 1 i, 2 i – diýip sanalýança, dowam edýän ses.

♩ – 1 i – diýip sanalýar.

(«Bir», «iki», «üç», «dört» – her sanymyz bir sese deň diýip hasap etsek, dört sany deň dowamlylykdaky ses emele gelýär).

Tanyş bolan notalarymyz bilen aýdymlary çalyp we aýdyp göreliň.

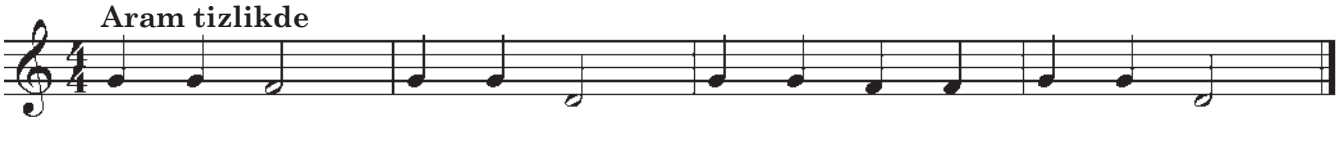



***Sol*** – ikinji çyzygyň üstünde ýazylýar.
***Fa*** – birinji we ikinji çyzyklaryň arasynda ýazylýar.
***Mi*** – birinji çyzygyň üstünde ýazylýar.
***Re*** – birinji çyzygyň aşagynda ýazylýar.
***Do*** – aşakdaky birinji goşmaça çyzygyň üstünde ýazylýar.

Eserleri süýem ýa-da orta barmak bilen çalmaly.

## 7. Horazjyk

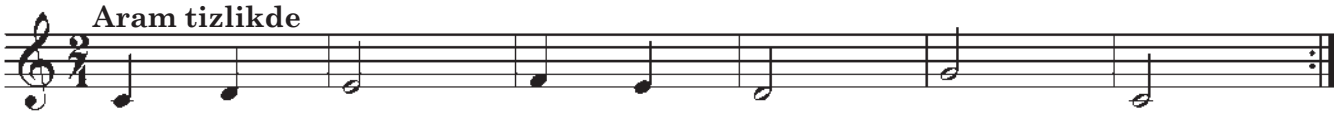
(*Çagalar aýdymy*)




Iki kesim çyzyk goýulsa aýdymyň gutarandygyny aňladýar.

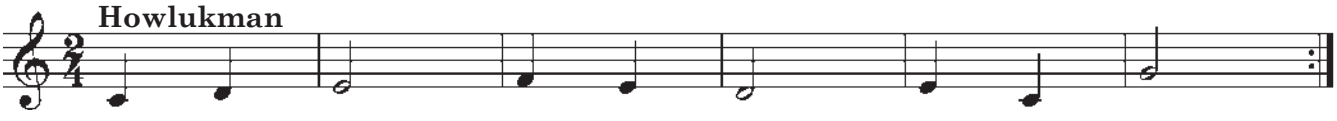
## 8. Gök meýdanda

(*Ukrain halk aýdymy*)



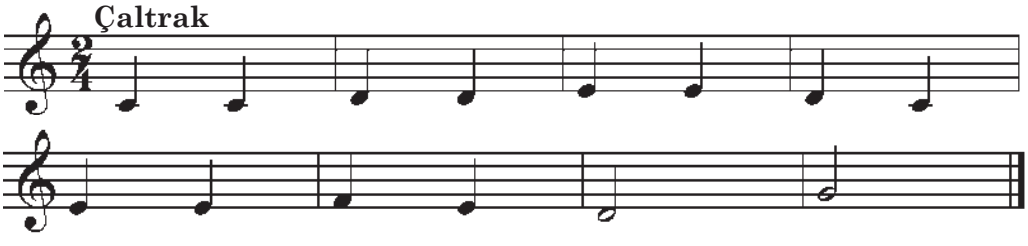

Iki nokat – repriza – iki kesim çyzygyň ýanynda goýulsa aýdymy gaýtalamaly.

## 9. Ak teňňe




## 10. Apak-mapak

*K. Garowow*



### Gönükmeler

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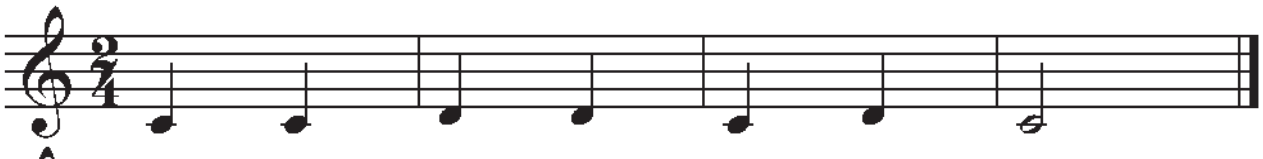

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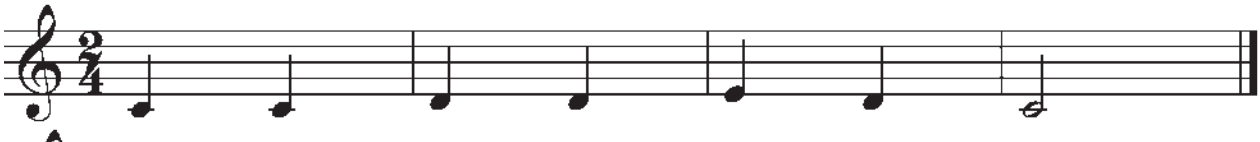
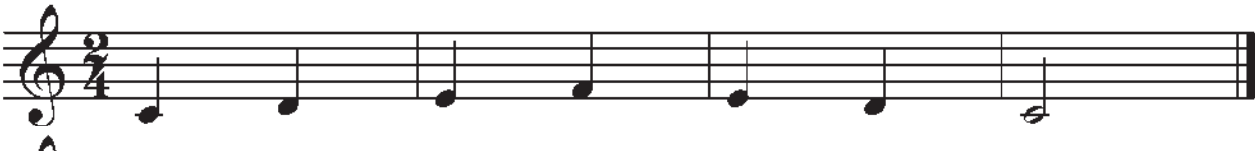
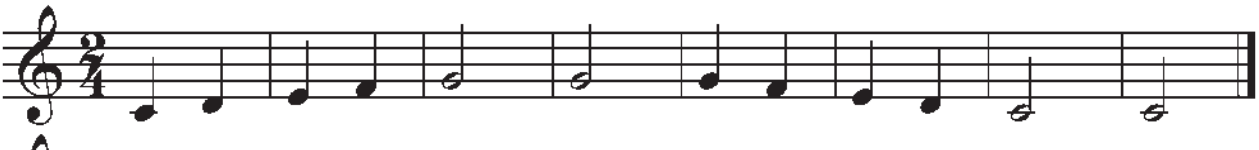


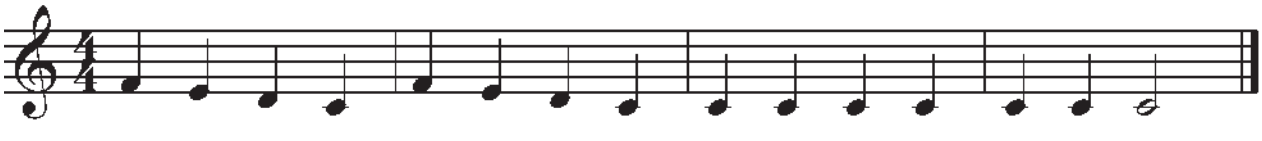
3.



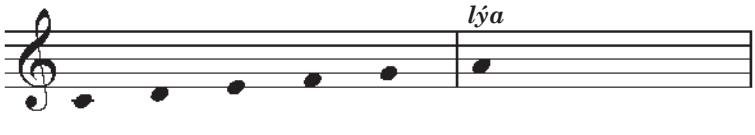
4.



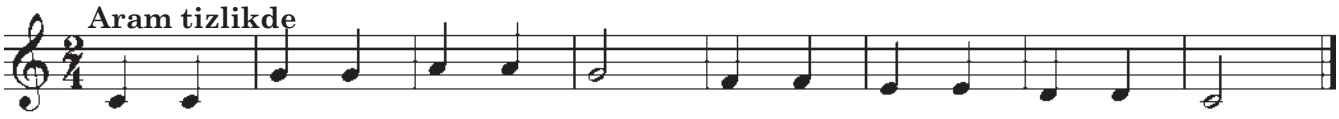
5.



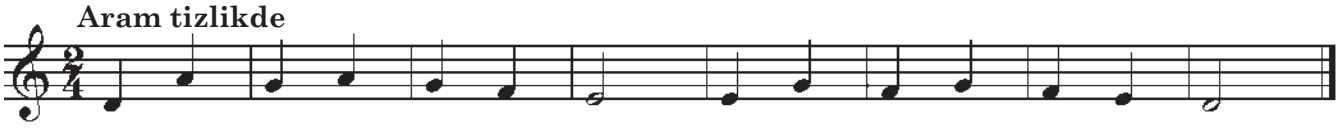
**Lýa** notasy ikinji we üçünji çyzyklaryň arasynda ýazylýar.



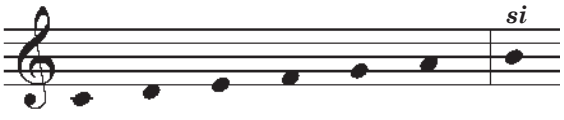
## 11. Çopan aýdymy



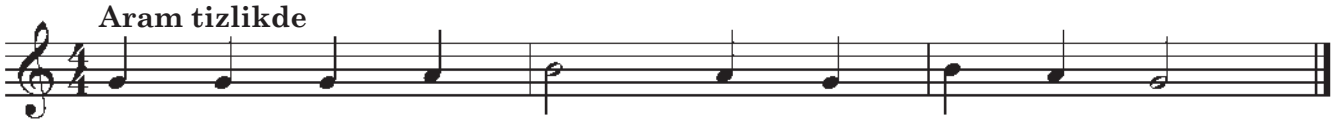

## 12. Aýdym



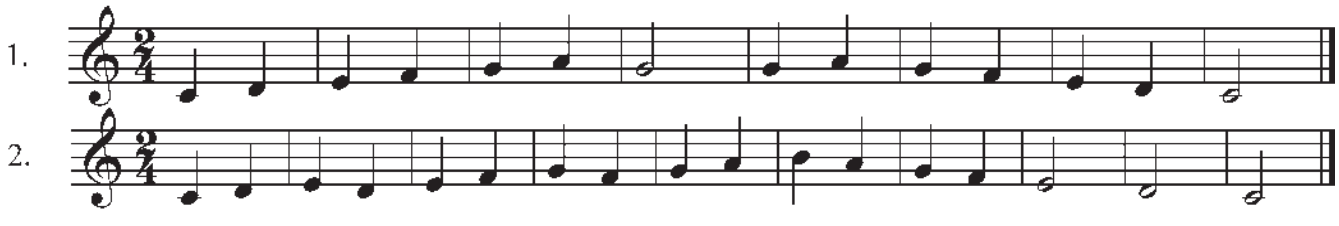

**Si** notasy üçünji çyzykda ýazylýar.



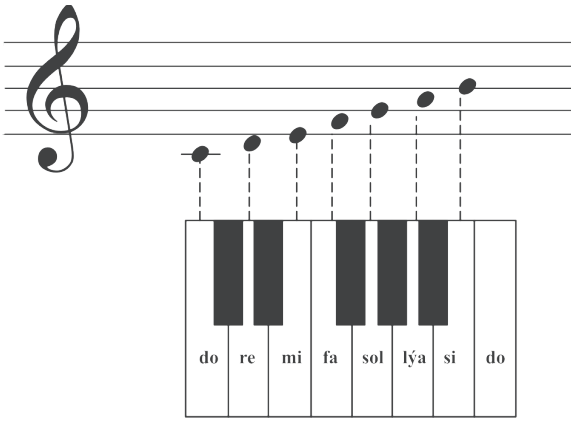

## 13. Bagda towşanjyk gezýär



### Gönükmeler

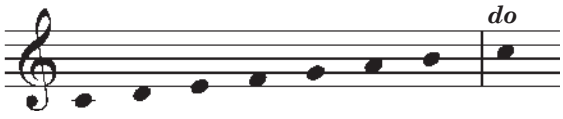



Nota düşeginde hem-de klawiaturada 7 esasy sesleriň (notalaryň) ýerleşýän ýerini indi bilýäris.



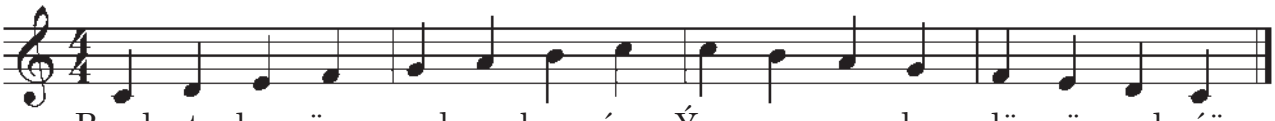

**Klawiatura**

Ýokarky **do** notasy üçünji we dördünji çyzyklaryň arasynda ýazylýar.



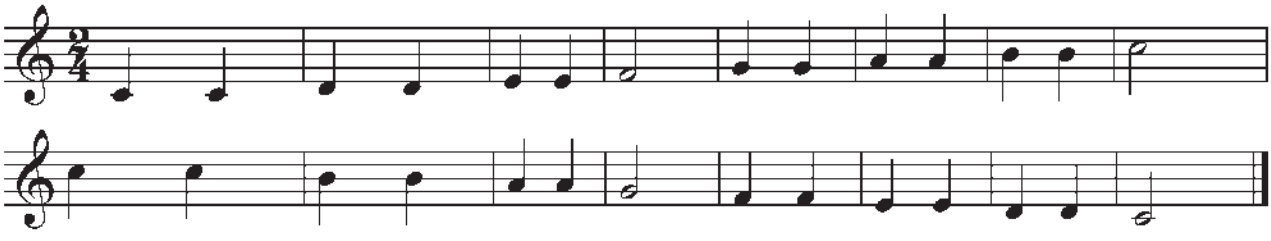
## Gönükmeler

1.



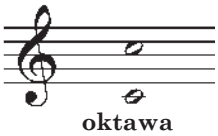
Be - lent de - pä çy - kyp bar - ýas, Ýe - ne a - şak dü - şüp gel - ýäs.

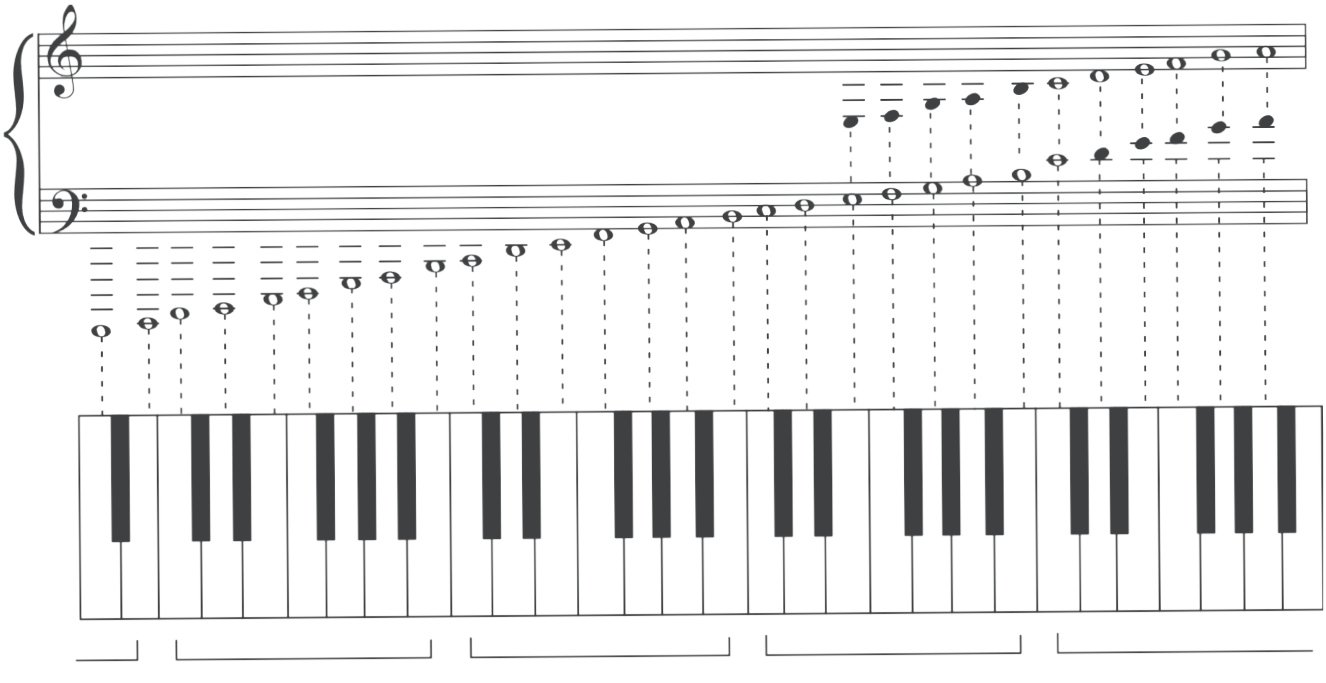
2.



Iki meňzeş atly sesleriň arasyna **oktawa** diýilýär. Meselem: **do-do, re-re, mi-mi** we ş.m.

Biz 1 oktawanyň notalaryny geçdik:



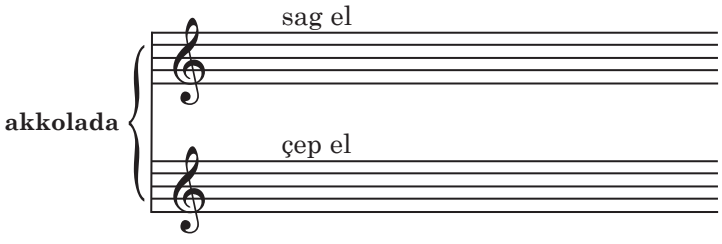



**sub kontr oktawa** | **kontroktawa** | **uly oktawa** | **kiçi oktawa** | **birinji oktawa**

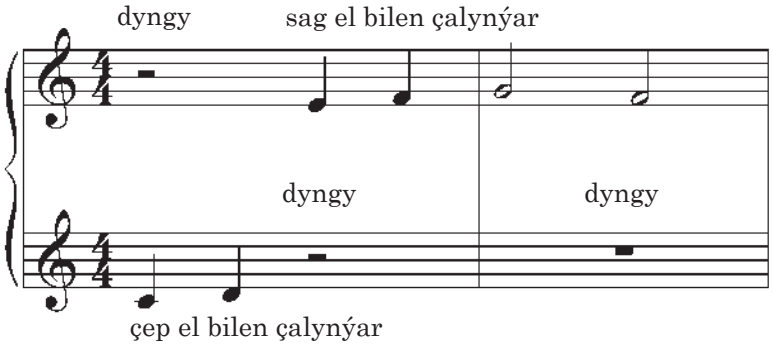
2. Sargyt № 2691

# III. IKI EL BILEN ÇALMAK

Iki el bilen çalmak üçin iki nota düşegini ýaý bilen birleşdirýäris. Bu ýaýyň adyna **akkolada** diýilýär. Ýokarky nota düşeginde ýazylan notalary sag el bilen çalmaly. Aşaky nota düşeginde ýazylan notalary çep el bilen çalmaly.

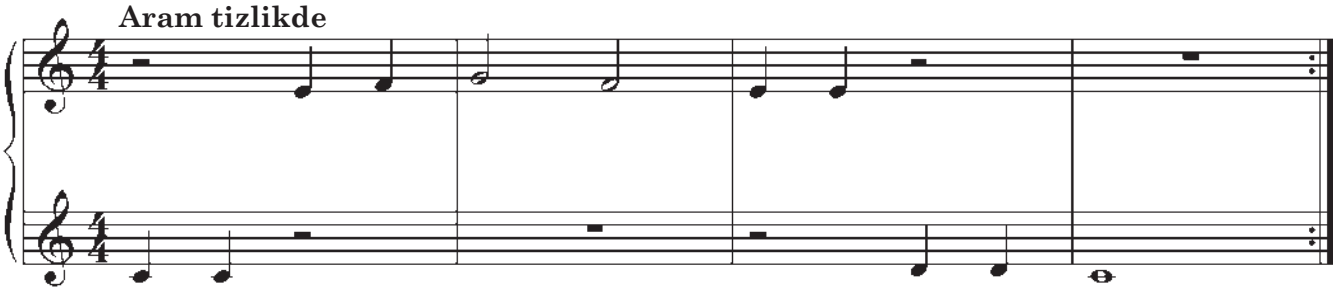



**Dyngy (pauza)** saz owazynyň arasyndaky arakesme, säginmek belgisidir (eliňi galdyrmaly).



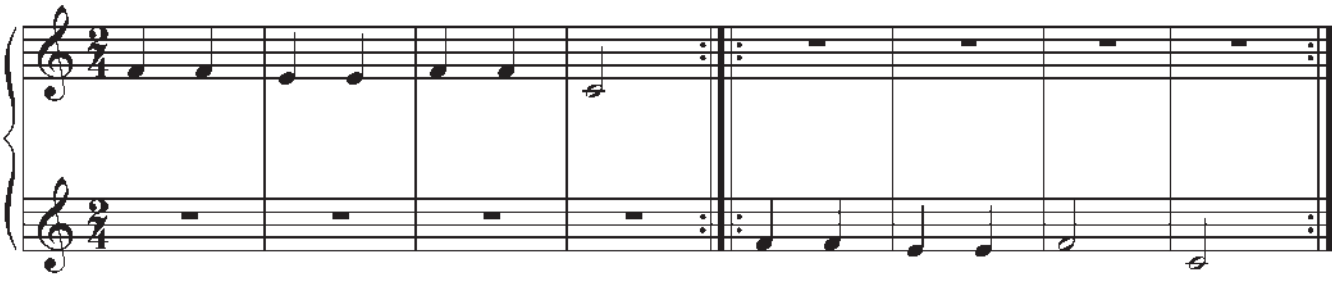

## 14. Towşanjyk

(*Çagalar aýdymy*)



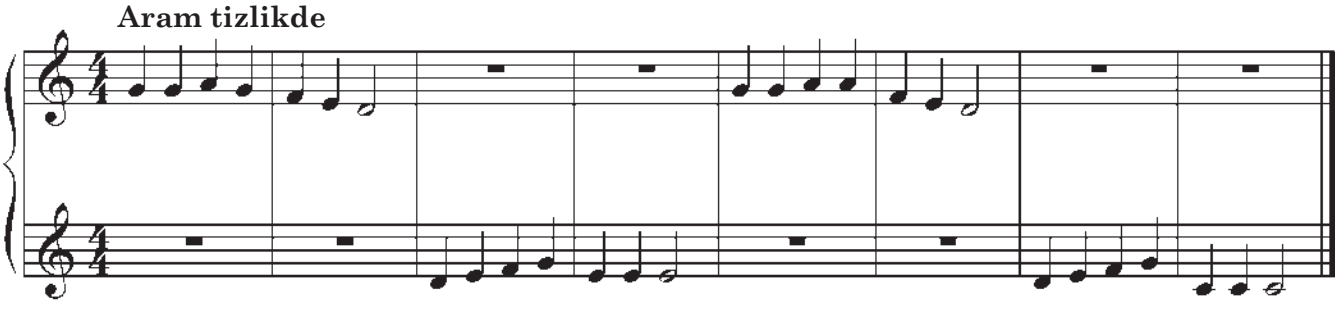

## 15. Ýagyşjyk

(*Çagalar aýdymy*)



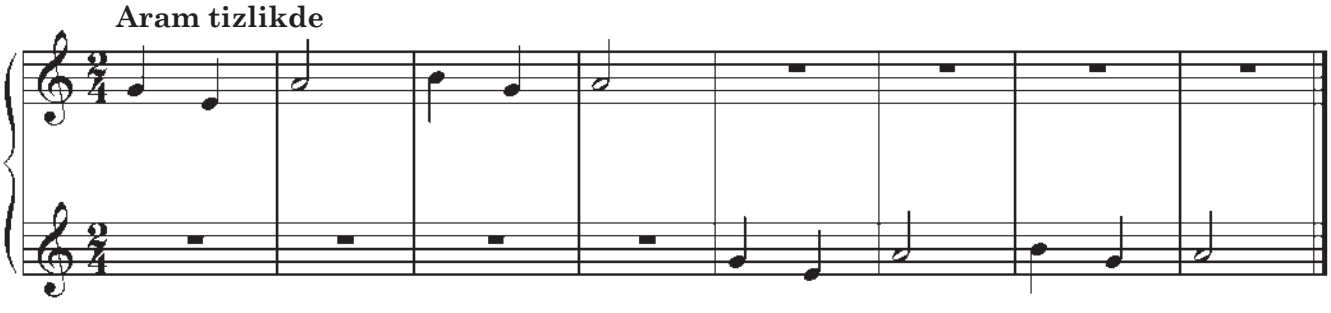
## 16. Gyş

*W. Karasewa*



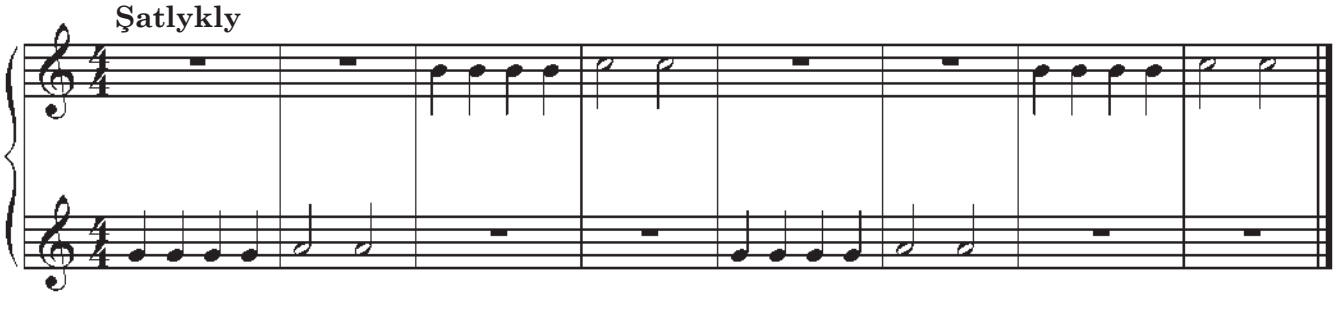

## 17. Pişijek

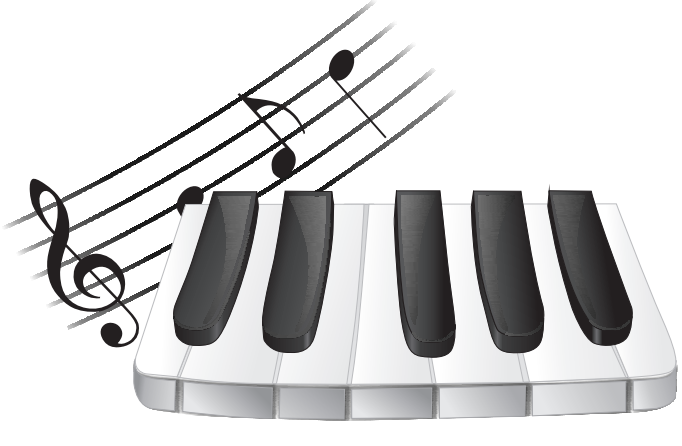
*M. Karasew*




## 18. 8-nji mart

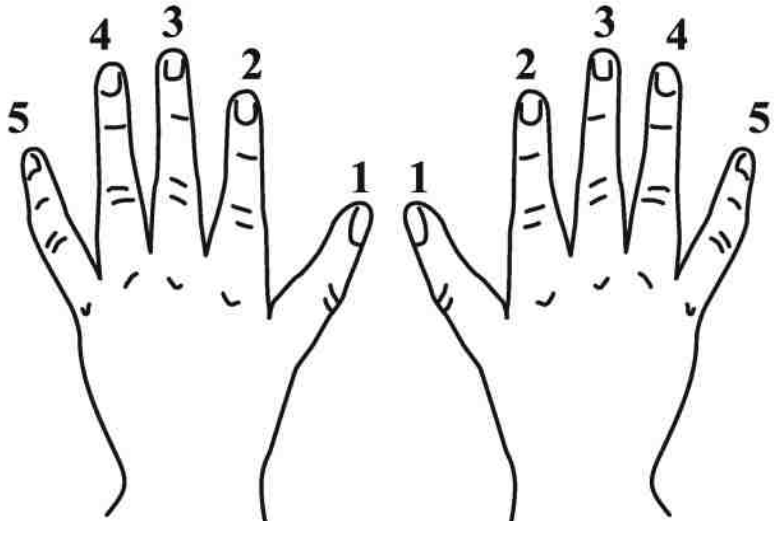
*Ý. Tiliçeýewa*



# IV. BARMAKLARY GEZEKLEŞDIRIP ÇALMAK

## Elleriň şekili

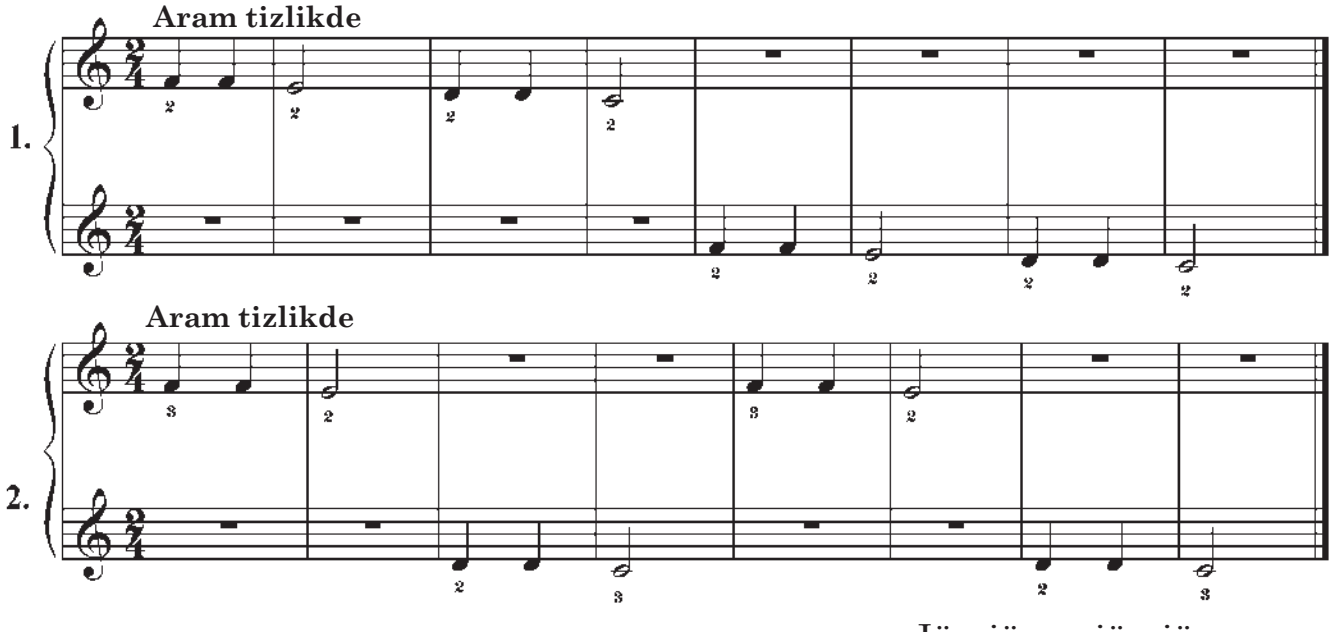



Klawişalara yzygiderli basar ýaly, elleriňi ýumşak ýagdaýda klawiatura goýmaly. Yzygiderli klawişalara barmaklary yzygiderli basmaly, klawişany geçirsek barmagy hem geçirip çalmaly.

Notada goýlan barmaklar üçin bellik (applikatura): 1, 2, 3, 4, 5.

## 19. Jümjüme

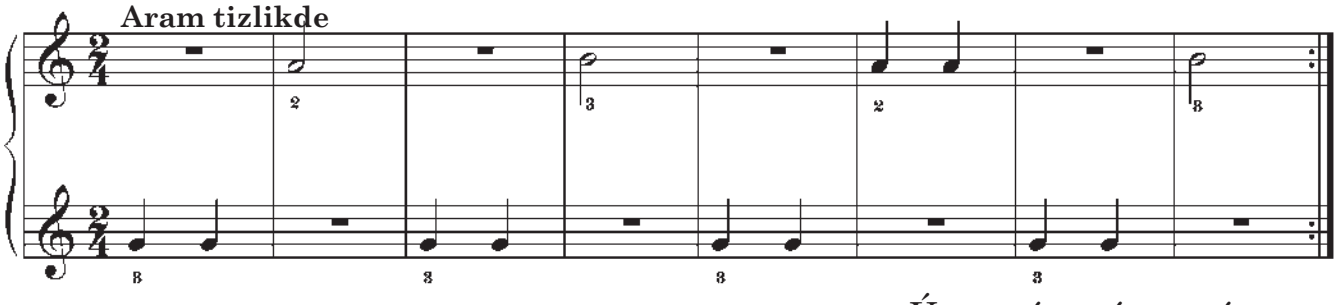
(*Çagalar aýdymy*)




Jümjüme, jümjüme
Meň söýgüli gülüm.

## 20. Ýagyş

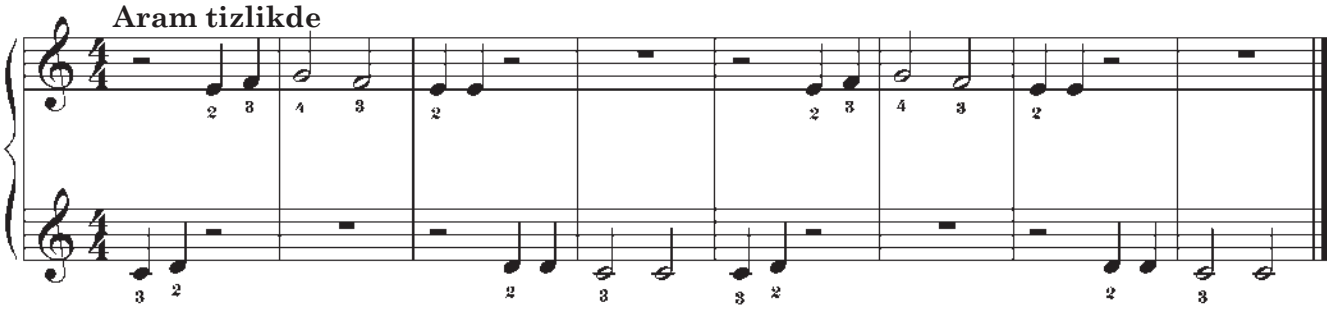
*Ý. Tiliçeýewa*




Ýagyş ýag, ýagyş ýag
Çöllere hem düzlere.

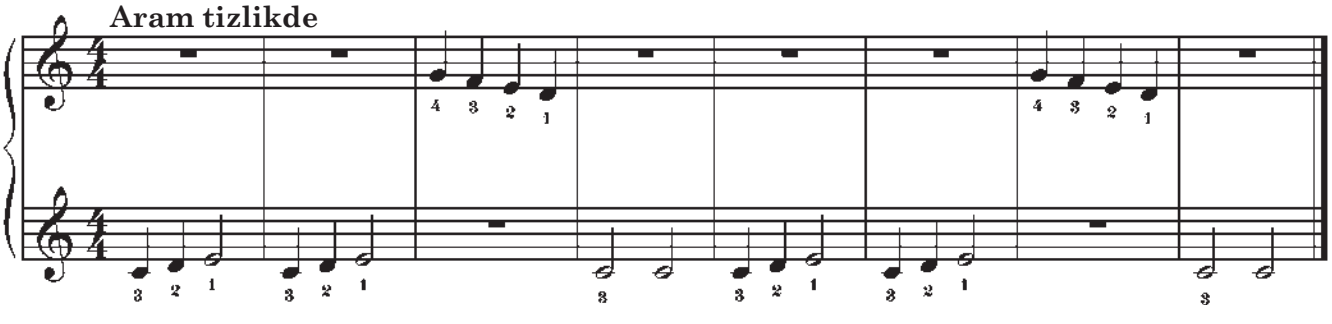
## 21. Çeşmejik

*A. Bereznýak*



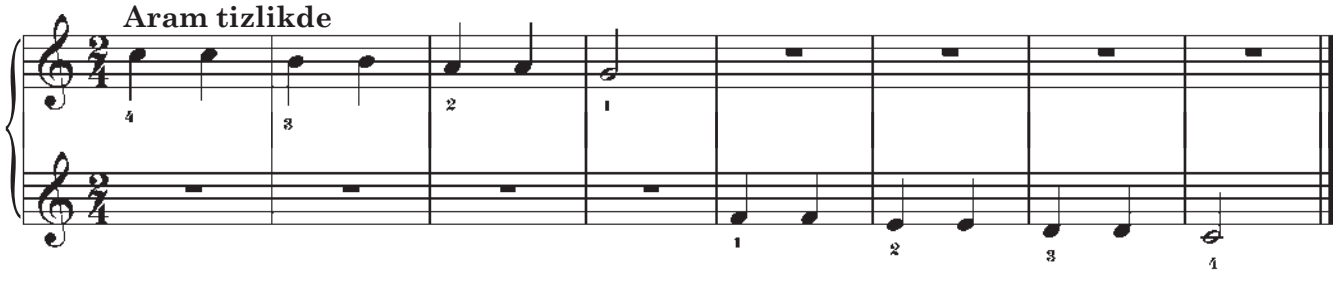

## 22. Araba barýar

*A. Bereznýak*




## 23. Aýdym

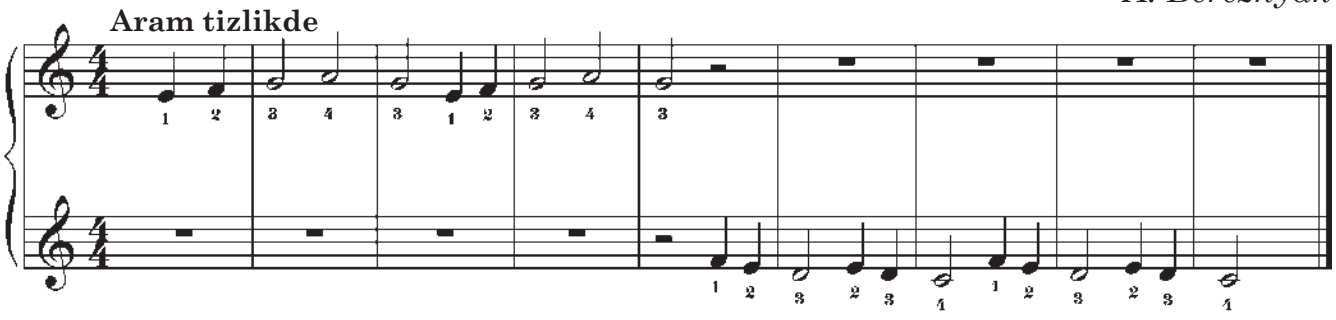
*A. Bereznýak*




Barmaklaryňy gezekleşdirip çalaňda elleriňi usul bilen galdyryp, her sesiň arasyny bölmeli.

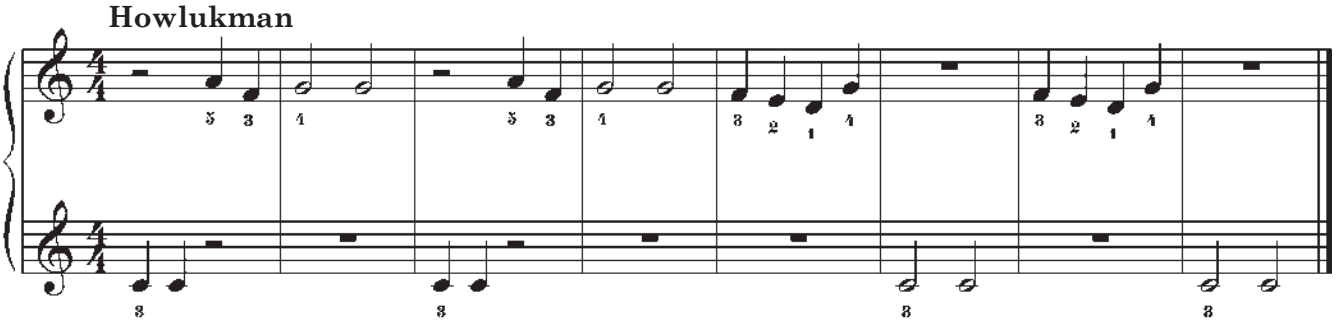
## 24. Uçar

*A. Bereznýak*



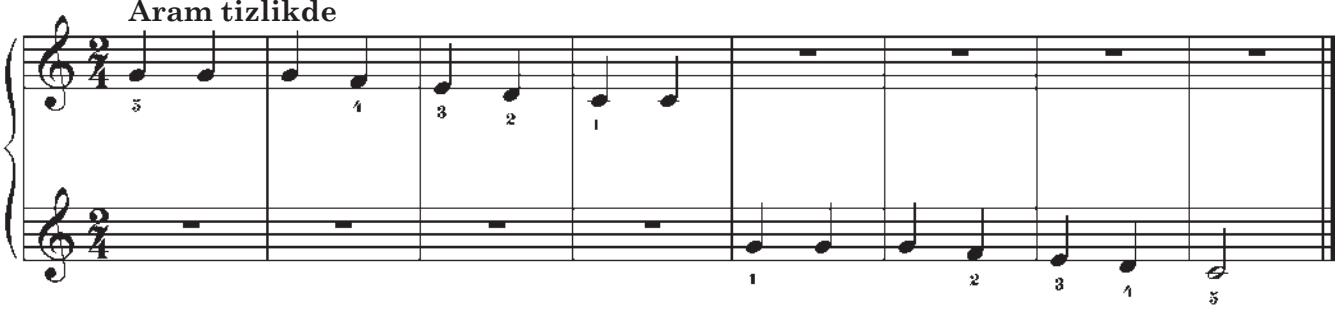

## 25. Hüwdi

*M. Karasew*



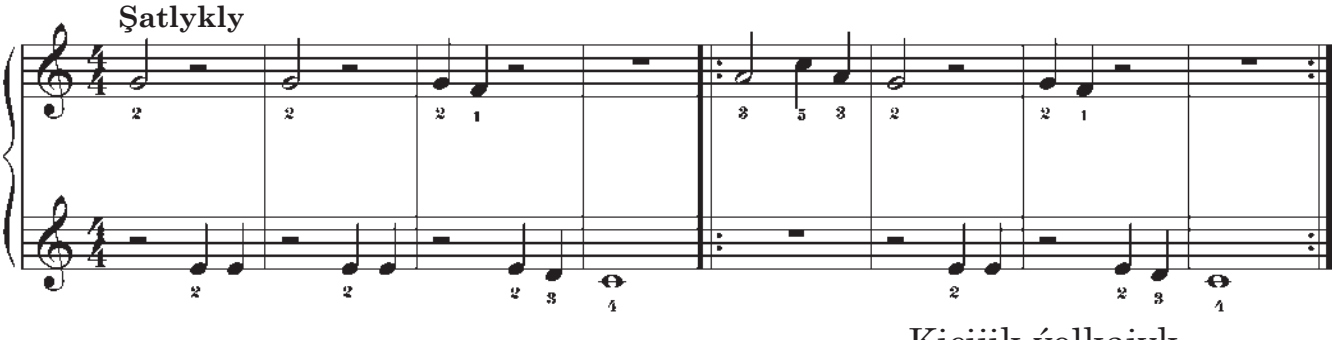

## 26. Radio

*N. Şeremetýewa*




## 27. Ýolkajyk

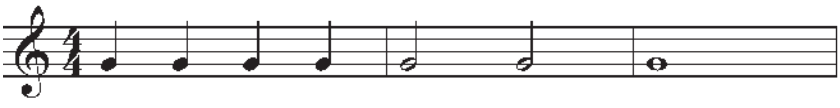
*M. Karasew*




Kiçijik ýolkajyk
Gyşda üşeýär.
Tokaýdan ýolkany
Getirdik öýe.

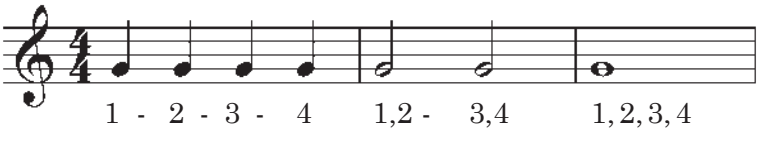
# V. NOTA ÖLÇEGI

**Nota** – bu sesiň ýazga geçirilýän belgisidir.
Açaryň ýanyndaky goýulýan sanlar sazyň her taktynyň ölçegini aňladýar.
*Dörde bölünýän ölçeg (dört paýly ölçeg)*:

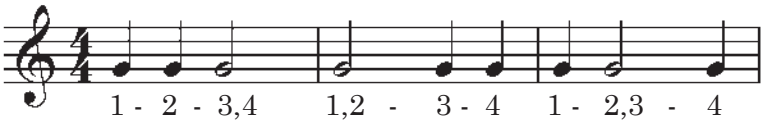


Her taktda ölçeg deň. Bir taktda dört sany çärýeklik nota ♩ ♩ ♩ ♩, ýa-da iki sany ýarymlyk nota 𝅗𝅥 𝅗𝅥, ýa-da bir sany bitin nota 𝅝 bolýar.

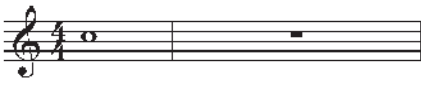
Her takty şeýle sanamaly (bir, iki, üç, dört).

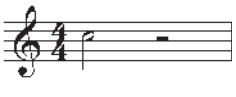


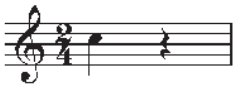

Meselem, aşakdaky ýaly hem bolup bilýär:




Dyngy notalar ýaly dürli ölçegde bolup bilýär.

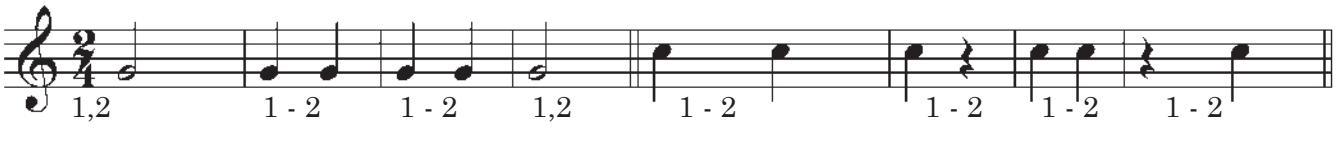
 – bitin dyngy (bütin notanyň uzaklygyna deň);

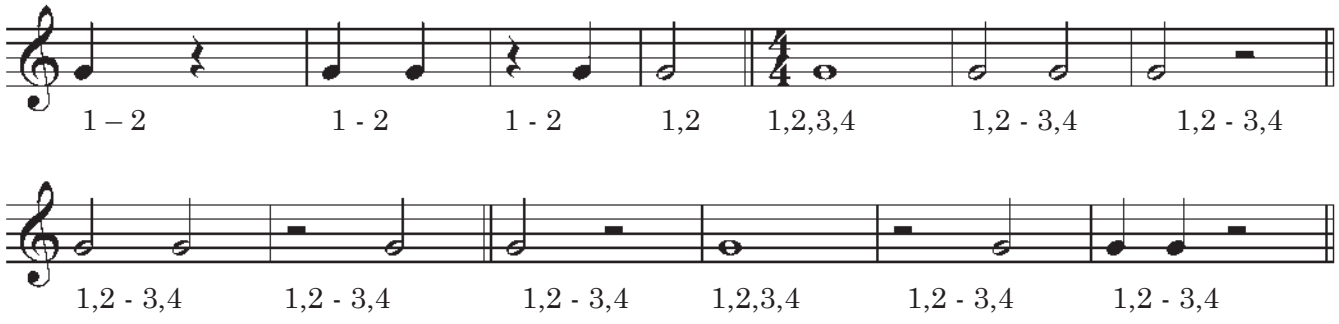
 – ýarymlyk dyngy (ýarymlyk notanyň uzaklygyna deň);

 – çärýeklik dyngy (çärýeklik notanyň uzaklygyna deň).

Daşymyzdan sanap, ellerimizi çarpyp kakalyň.

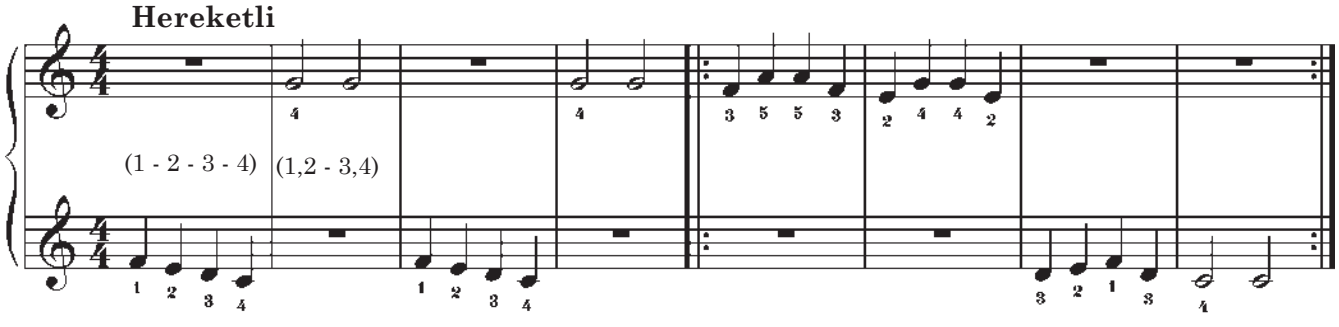
Ikä hem-de dörde bölünýän ölçegler.





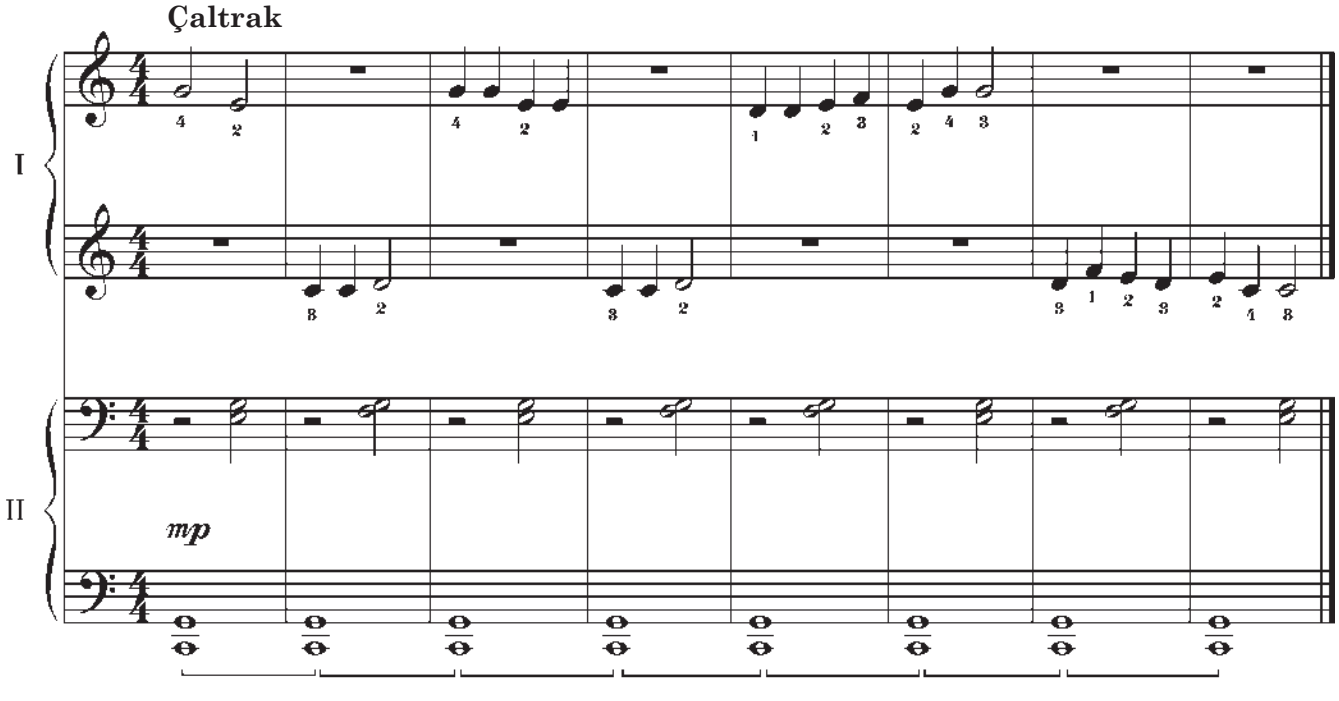

## 28. Şadyýan ördekler

(*Ukrain halk aýdymy*)




## 29. Aýdym

*W. Kalinnikow*




**I** – okuwçy çalýar.

**II** – mugallym çalýar.

## 30. Tokaýdaky towşan

Şadyýan

## 31. Günjagaz

(*Çagalar aýdymy*)

Aram tizlikde

(1 - 2) (1 - 2)

## 32. Horazjyk

(*Çagalar aýdymy*)

Aram tizlikde

(1 - 2 - 3,4)

## 33. Belka

*M. Karasew*

Aram tizlikde

## 34. Etýud

*Ý. Gnesina*

**Aram tizlikde**

## 35. Awçy we towşan

*I. Potolowskiý*

**Hereketli**

Basgançaklar.

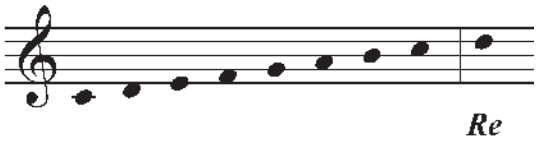
I II III IV V VI VII VIII

Howlukman, notalaryň atlary bilen sesiňizi goşup aýdyň.

Ýokarky görkezilen sesleriň yzygiderligine **Do mažor ses hatary** diýilýär.

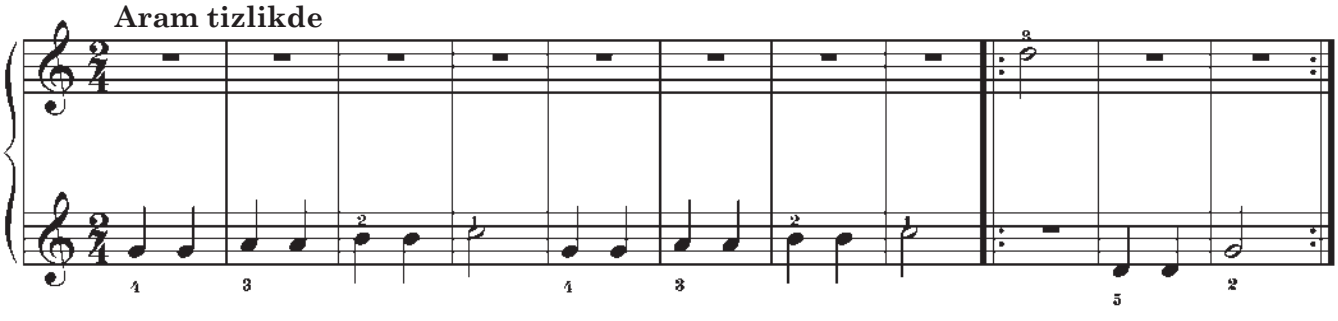
# VI. NOTALAR BILEN TANYŞLYGYŇ DOWAMY

Ikinji oktawanyň **Re** notasy dördünji çyzykda ýazylýar.

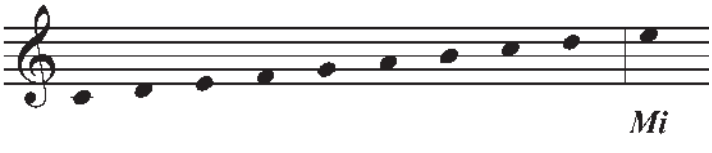



## 36. Buzda

(*Çagalar aýdymy*)

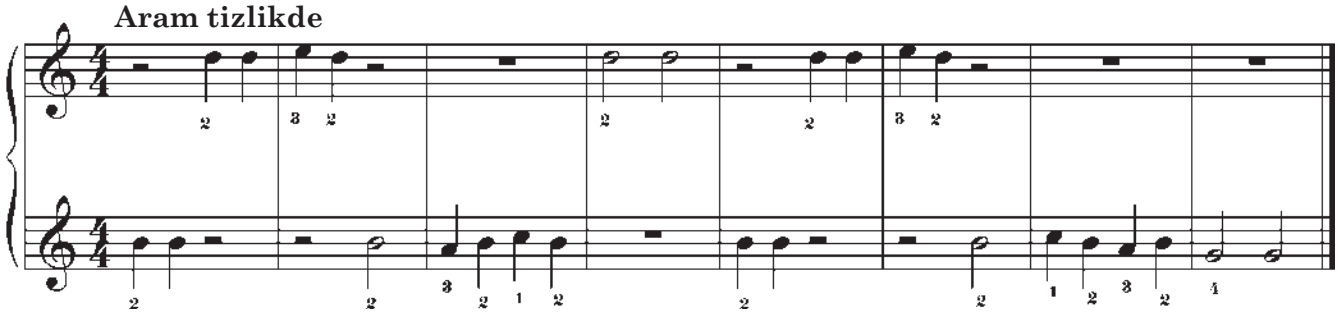


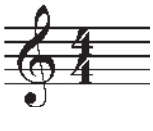
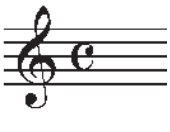

Ikinji oktawanyň **Mi** notasy dördünji we bäşinji çyzyklaryň arasynda ýazylýar.



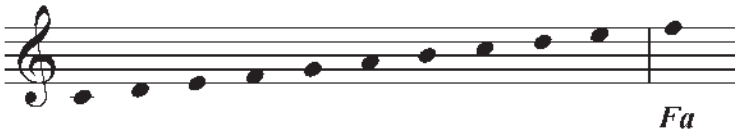

## 37. Gök gar arabajyklary

*M. Iordanskiý*



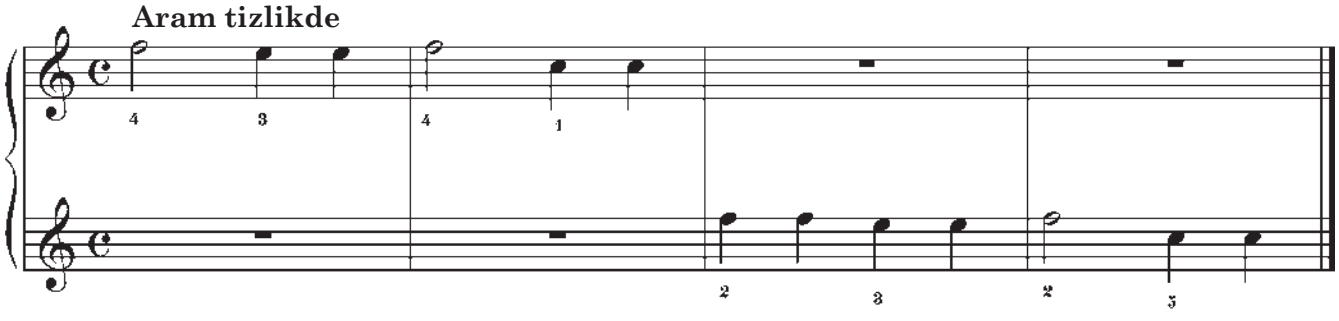

Kä wagt  ýerine  belgisi goýulýar.

Ikinji oktawanyň **Fa** notasy bäşinji çyzykda ýazylýar.

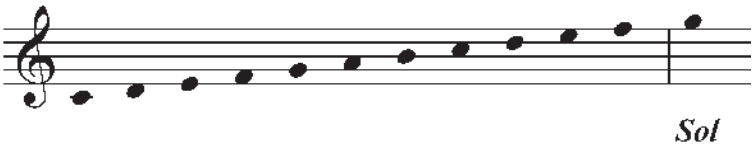



## 38. Günjagaz

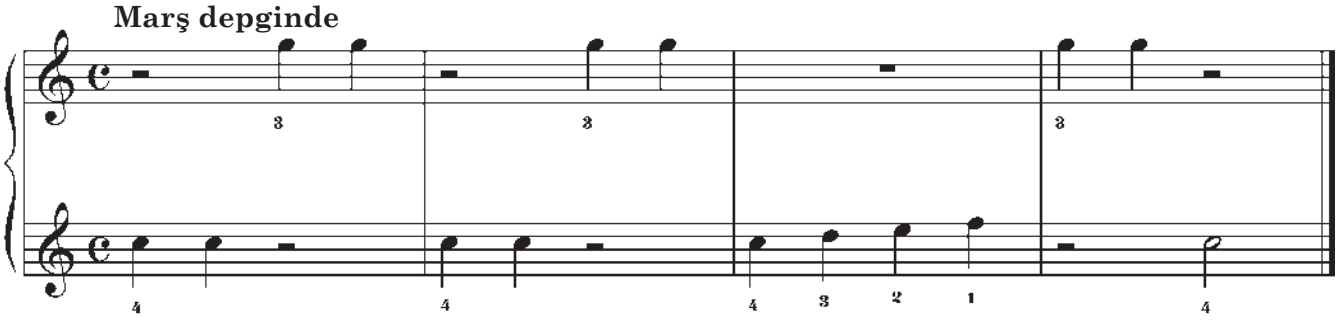
(*Çagalar aýdymy*)




Ikinji oktawanyň **Sol** notasy bäşinji çyzygyň ýokarsynda ýazylýar.

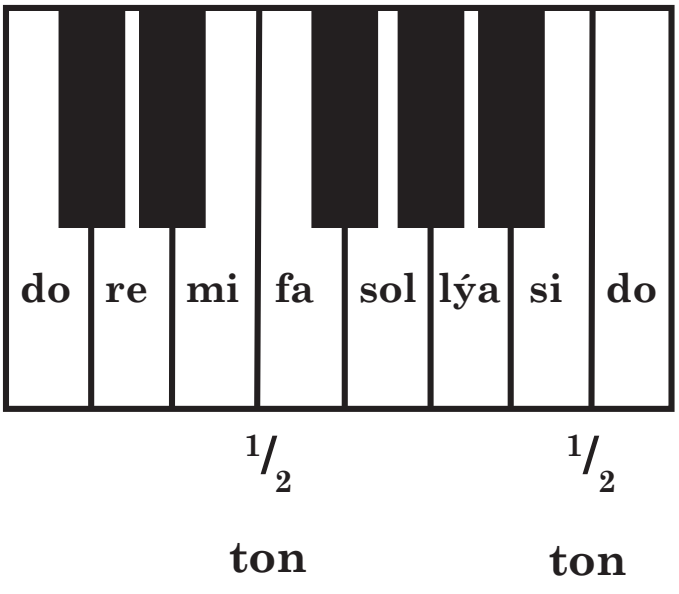



## 39. Marş



# VII. SES ÜÝTGEDIJI BELGILER

Hemme sesleriň arasy deň däl. Iki sesiň iň ýakyn aralygyna **ýarym ton** diýilýär.




Sesi ýarym basgançak beýgeldýän, peseldýän ýa-da öňki kaddyna getirýän belgilere ses üýtgediji belgiler (alterasiýa) diýilýär.

♯ – diýez – sesi ýarym basgançak (ton) beýgeldýär.

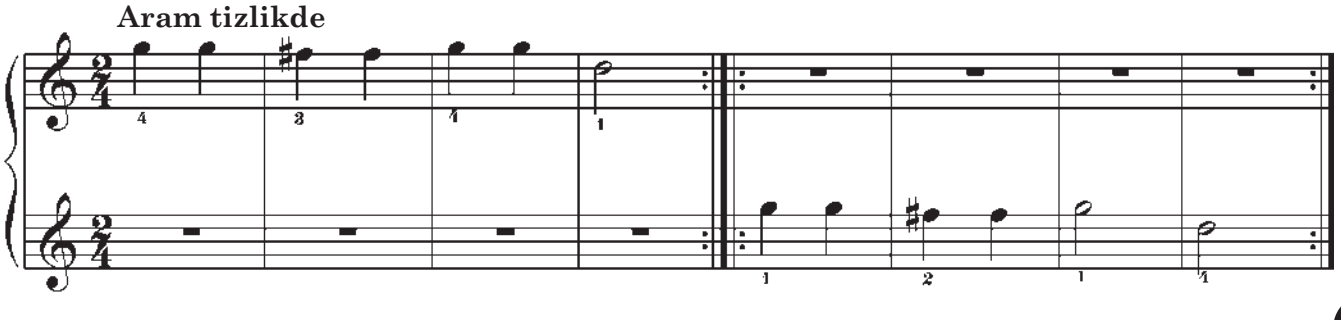
♭ – bemol – sesi ýarym basgançak (ton) peseldýär.

♮ – bekar – sesi öňki kaddyna getirýär.

Sesi üýtgediji belgiler açaryň ýanynda ýa-da notalaryň öňünde goýulýar. Açaryň ýanynda goýlan ses üýtgediji belgiler şol notalaryň ählisine degişlidir. Notalaryň öňünde goýlan ses üýtgediji belgi bolsa, diňe şol taktdaky nota degişlidir.

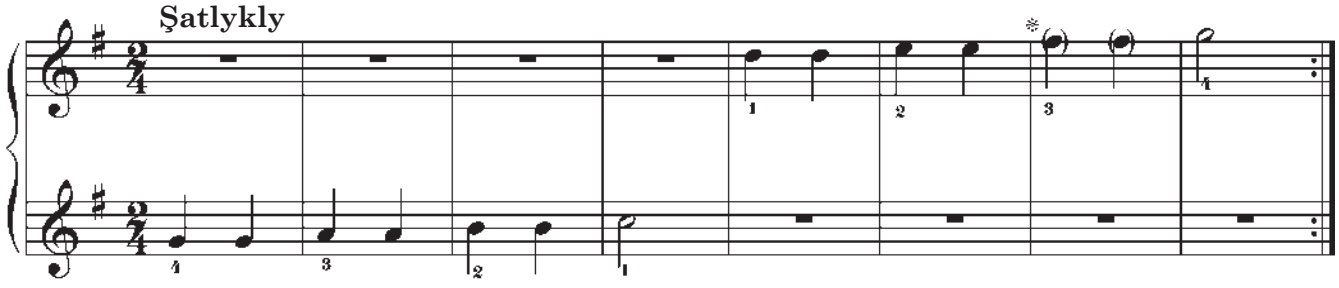
## 40. Ýagyşjyk

(*Çagalar aýdymy*)



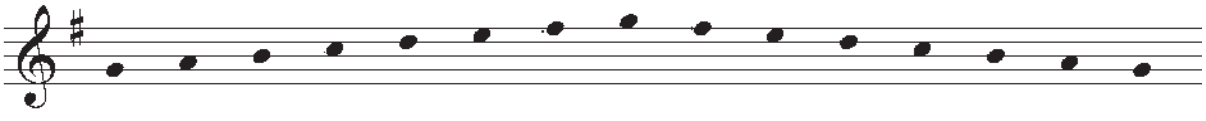
## 41. Men daşarda oýnaýan

(*Rus halk aýdymy*)

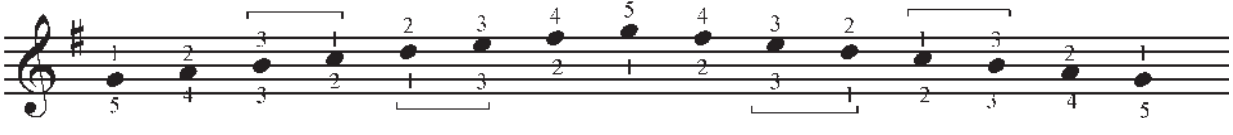



*Ýaýa alnan notalary gara klawişalarda çalmaly – fa diýez

Ýokardaky aýdymda notalary bir oktawanyň aralygynda – *sol* notadan beýleki *sol* nota çenli yzly-yzyna çaldyk.

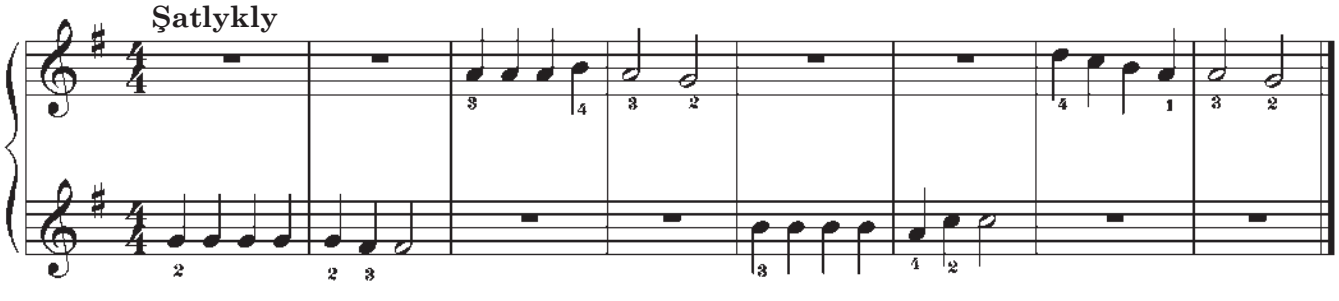


Bu ses hataryna **Sol mažor ses hatary** diýilýär. Sol mažor ses hatarynda barmaklaryň hereket tertibi (applikaturasy) Do mažor ses hataryna meňzeş bolýar.

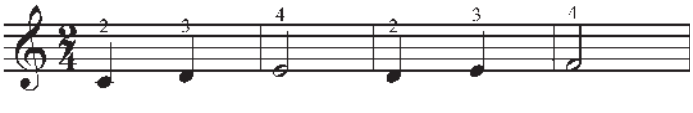


## 42. Tans

*W. Blagan*

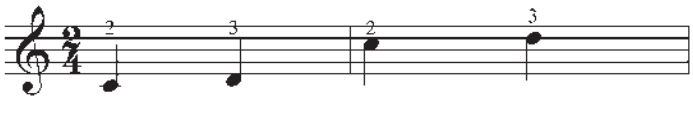


### Çalmak üçin gönükmeler:



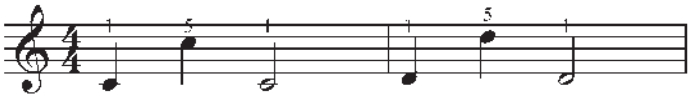
we ş.m.

Eliňi geçirmeli:



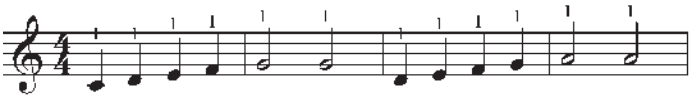
we ş.m.

Oktawa interwallaryny görkezilişi ýaly çalmaly:



we ş.m.

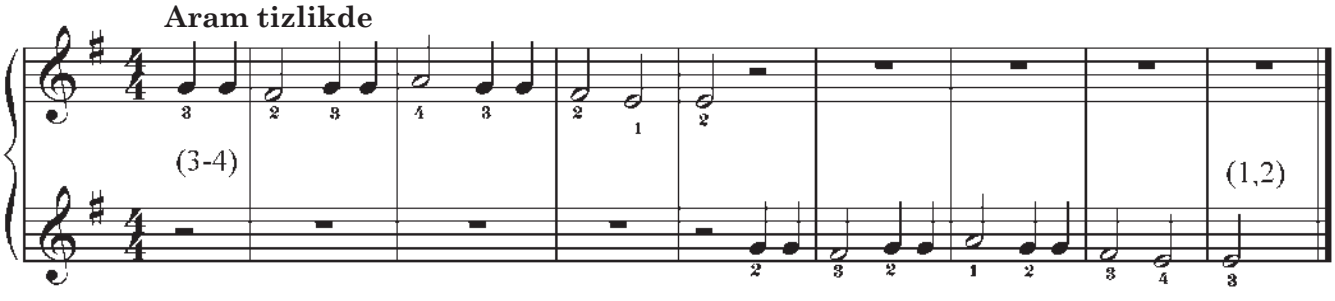
Başam barmagyňy dogry goýmagy öwrenmek:



we ş.m.

## 43. Uçma bilbil

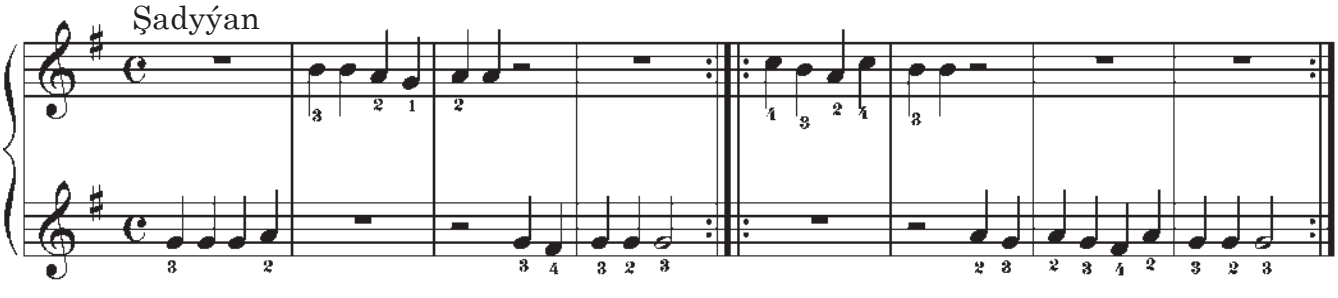
(*Çagalar aýdymy*)




Dolmadyk kesim (zatakt).

## 44. Gutly bolsun baýramyň!

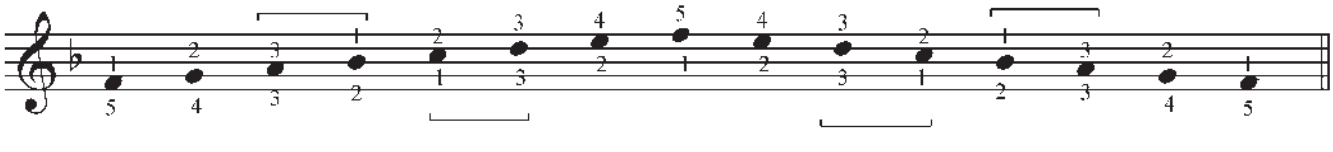
Sazy *J. Gurbangylyjowanyňky*
Sözleri *G. Meredowyňky*



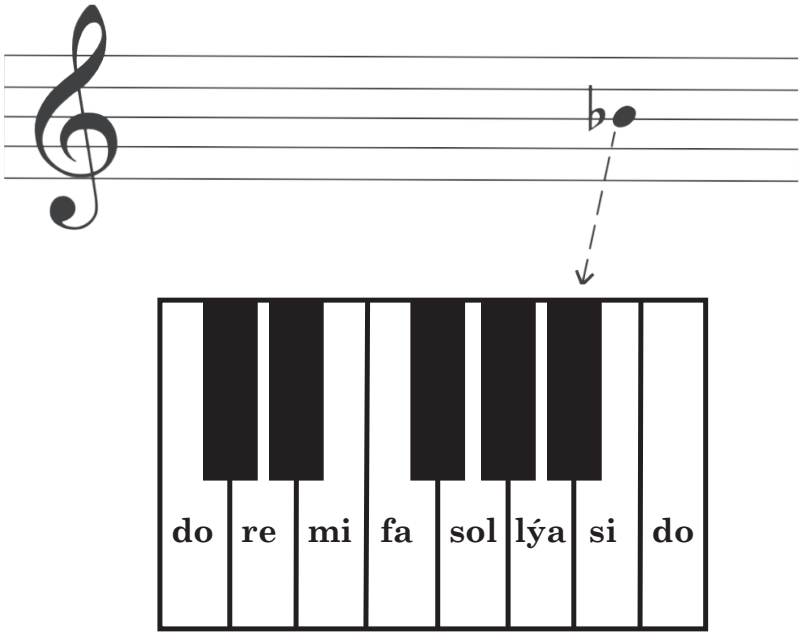

Ejem jan-a, ejem jan-a,
Ejem jan-a, ejem jan-a.
Gutly bolsun, gutly bolsun
Gutly bolsun baýramyň!

Ejem maňa mähriban,
Datly bolsun baýramyň!
Ejem maňa mähriban,
Datly bolsun baýramyň!

## Fa mažor ses hatary

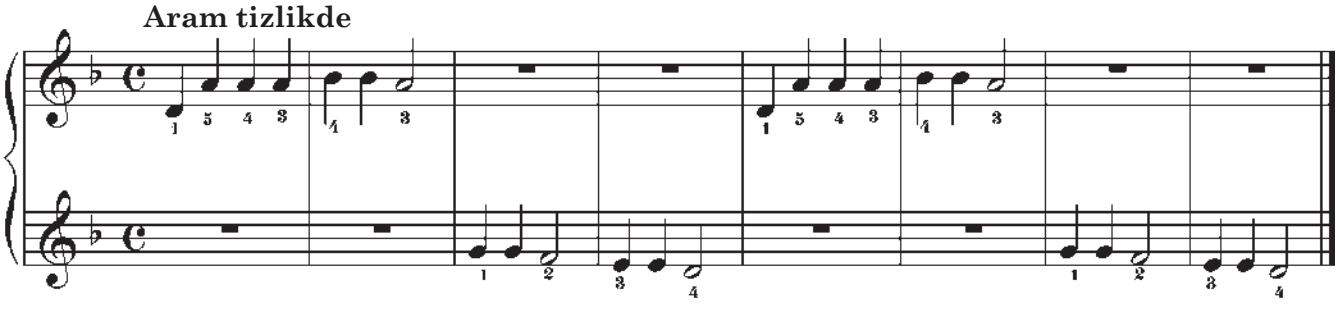


♭ – bemol belgisi sesi ýarym ton peseldýär.



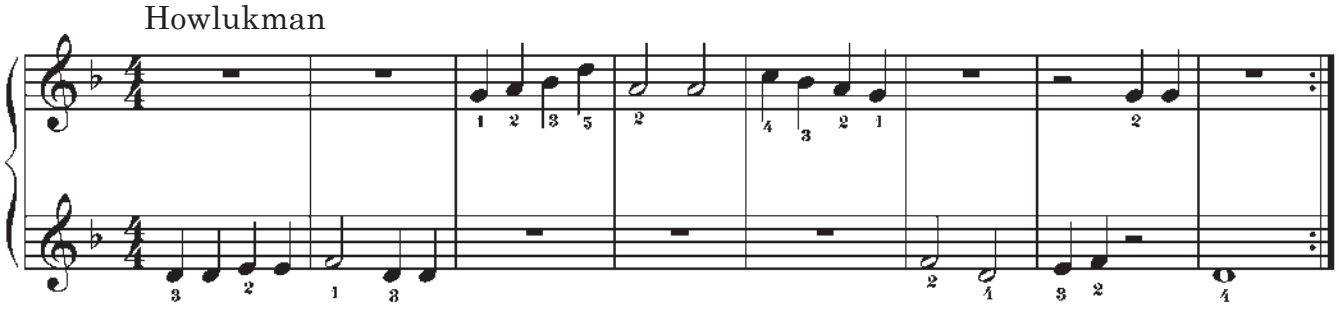

## 45. Aýdym

*A. Filippenko*

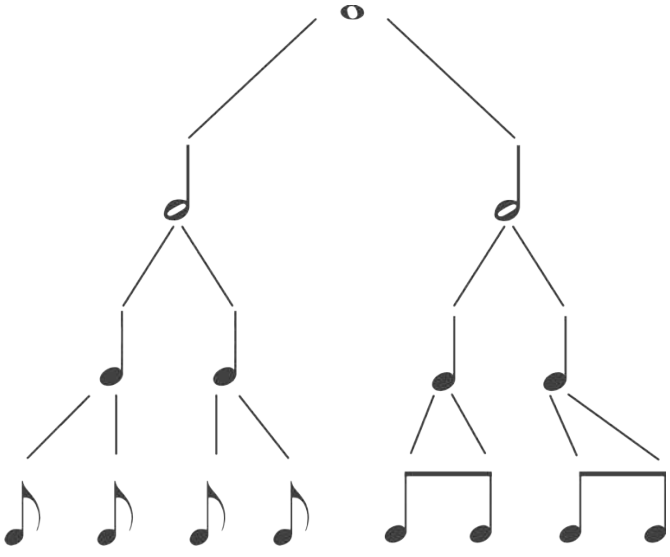



## 46. Güýz

(*Çagalar aýdymy*)

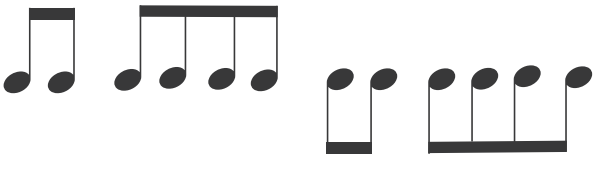


# VIII. SEKIZDENBIRLIK NOTALAR



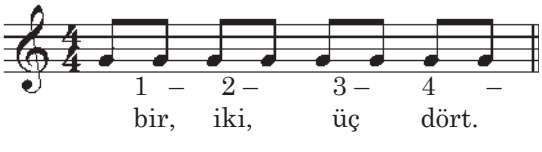
Çärýeklik nota iki sany sekizdenbirlige deňdir:

Yzygiderli ýerleşdirilen birnäçe sekizdenbirlik notalar çyzyk arkaly birleşdirilýär.

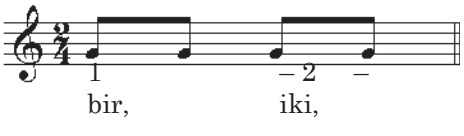


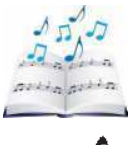
Sekizdenbirlik dyngynyň ýazylyşy: 𝅘𝅥𝅯

Olary aşakdaky ýaly sanamaly:



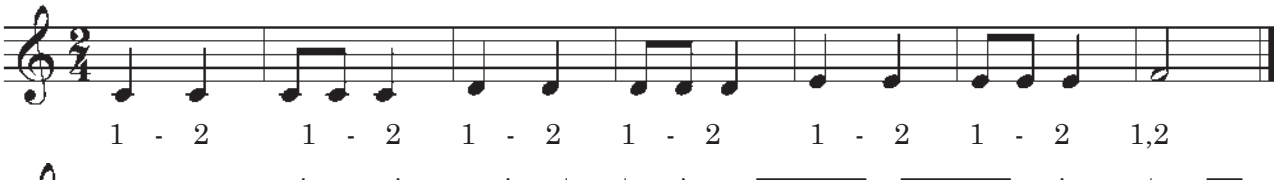

**ýa-da**



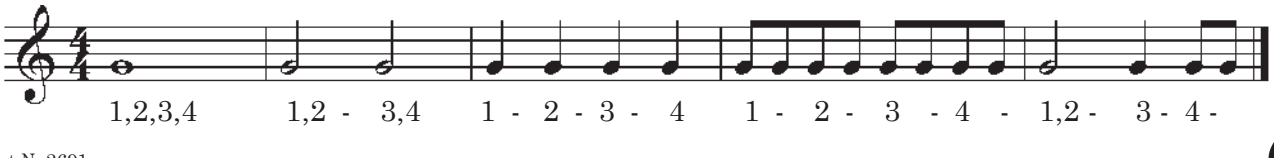



## Gönükmeler

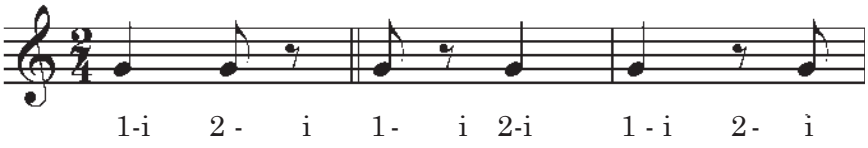
1.




2.

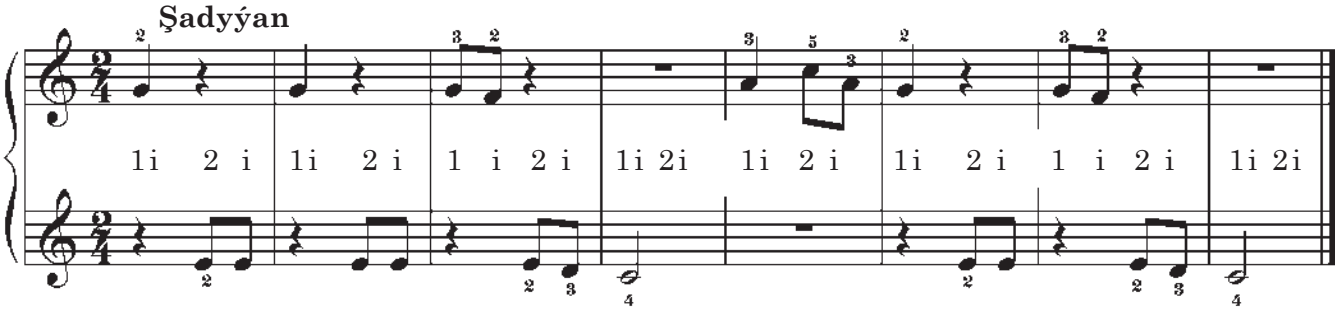


«i» sesi goşup çalyp, sanap göreliň:

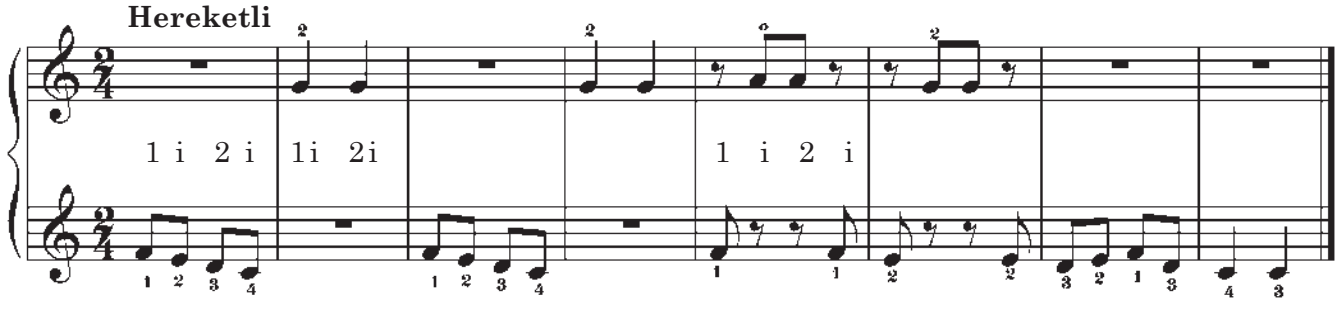



## 47. Towşanjyk

*M. Karasew*



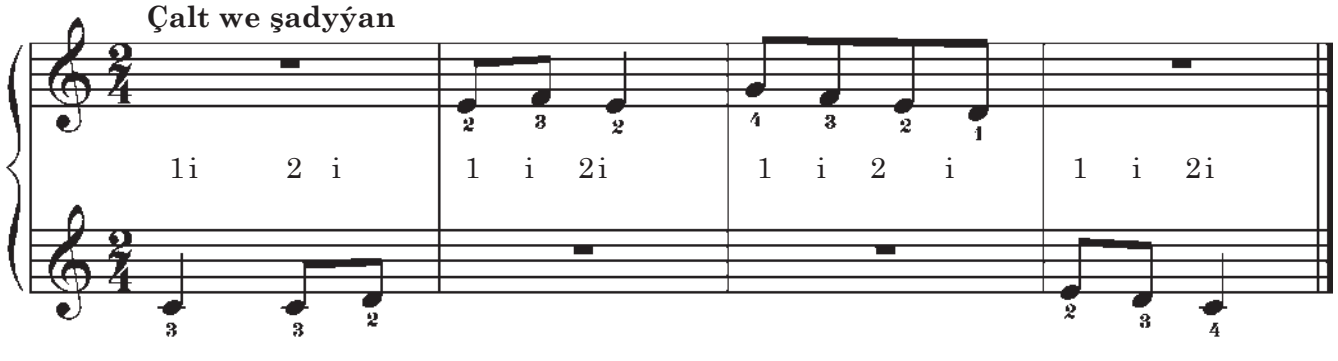

## 48. Şadyýan ördekler*




* Bu aýdymy öň çärýeklik notalar bilen çaldyk. Indi bolsa sekizdenbirlik nota boýunça çalmaly.

## 49. Bir, iki, üç, dört, bäş

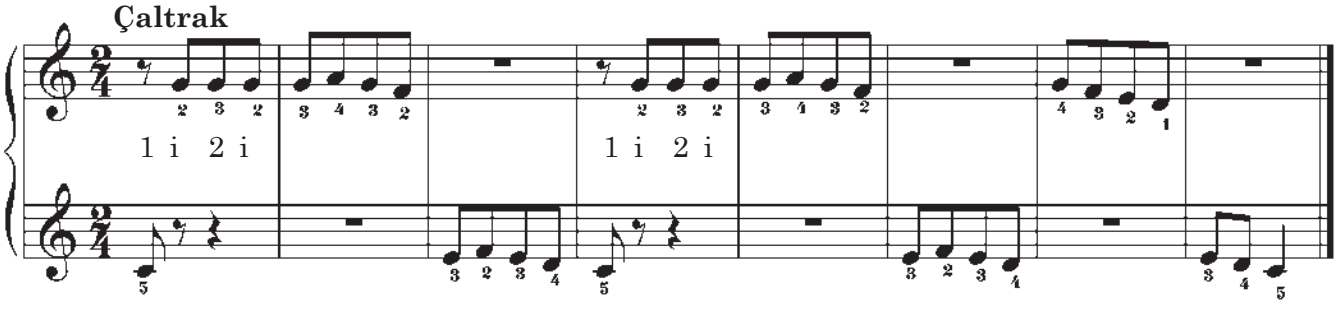
*K. Garowow*



## 50. Ekem-ekem

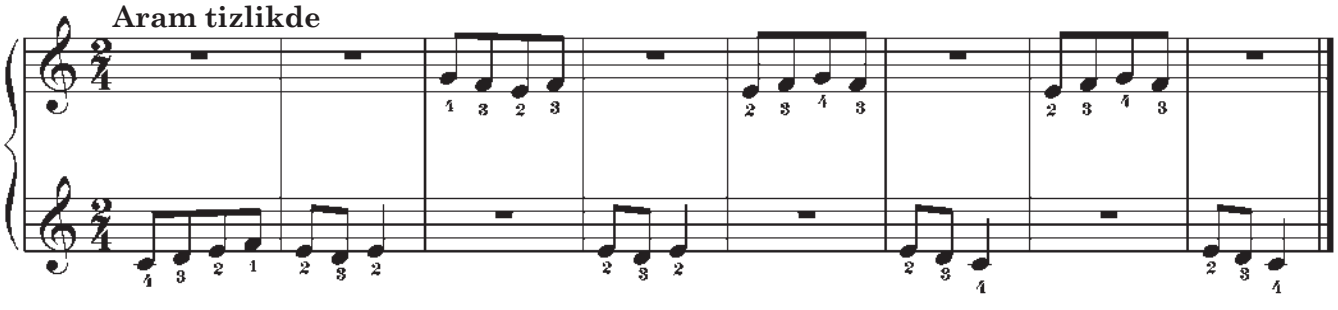
(*Türkmen halk sanawajy*)

*K. Garowow*



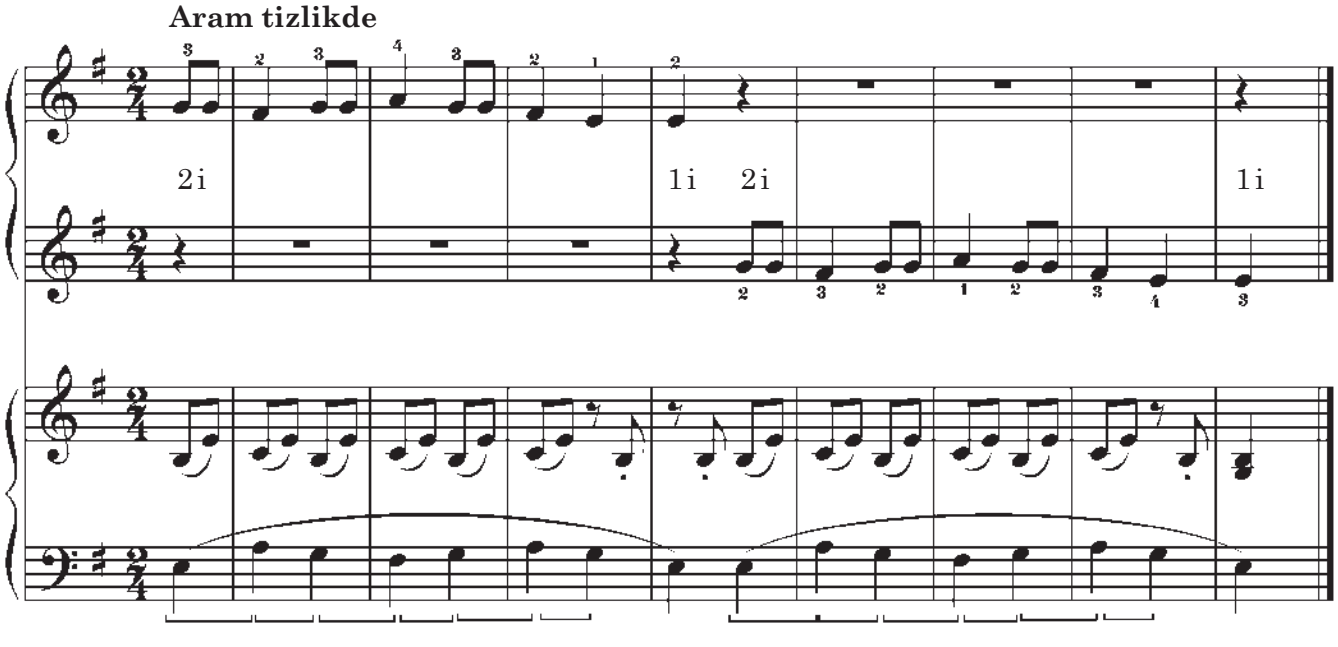

Ekem, ekem, arpa ekem,
Ýola bakam, gözüm dikem.
Gyzyl towuk, gyrma towuk
Jyňňyrdawuk, çek aýak.

## 51. Aýdym




## 52. Uçma bilbil

(*Çagalar aýdymy*)

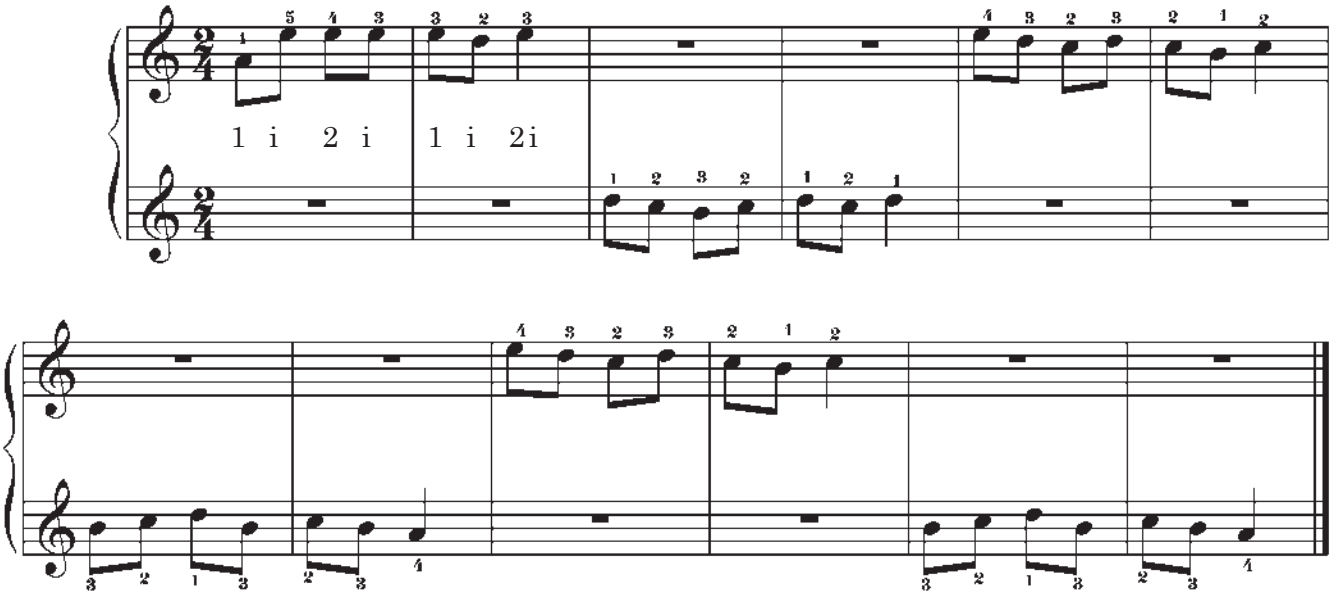


**DURDY NURYÝEW**
*Türkmenistanyň halk artisti*
*(1933–1992)*

## 53. Taýçanak

*D. Nuryýew*

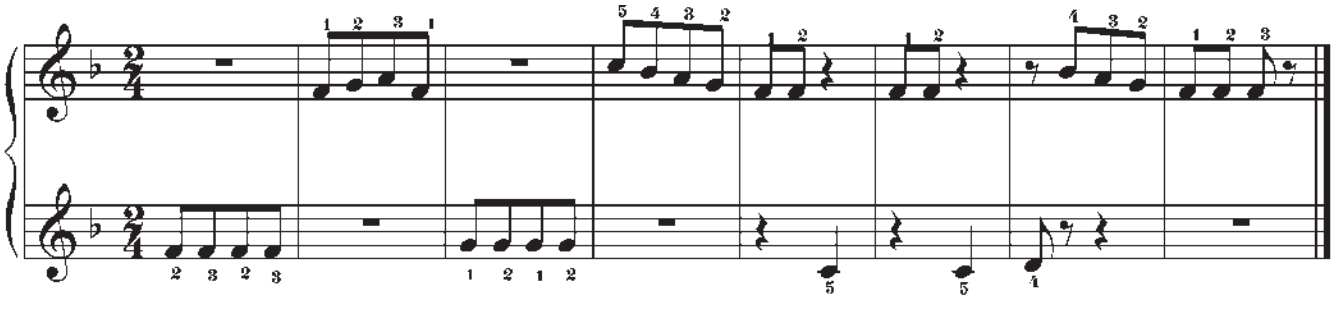
**Hereketli**




## 54. Aýdym

*S. Reşewskiý*

**Aram tizlikde**



# IX. TEMP. SAZYŇ ÖWÜŞGINLERI

***Temp (depgin).*** Eseriň başynda nota düşeginiň ýokarsynda eseriň tempi (depgini), ýagny ýerine ýetiriliş çaltlygy sözler arkaly aňladylýar – haýal, aram, hereketli, çaltrak, çalt we ş.m. Köplenç, tempiň ýerine eseriň häsiýetini görkezýän sözler hem ýazylýar – şatlykly, gaýgyly, saldamly we ş. m.

Tempiň haýalladylmagy italýan termini **ritenuto** bilen aňladylýar. Gysgaldylan görnüşde – **rit., riten.** diýlip ýazylýar. Başlangyç tempe öwrülip barmaklyk bolsa, **a tempo** sözi bilen aňladylýar.

***Sazyň öwüşginleri.*** Manysyna görä sazyň ýuwaş, pessaý, örän ýuwaş, gaty, örän gaty ýaňlanyp bilýändigini hemmäňiz bilýärsiňiz. Sazda gatylyk ýuwaşlyk öwüşginlerini aňlatmak üçin italýan sözleri ulanylýar. Nota ýazuwynda, köplenç, bu sözleriň baş harplary goýulýar.

| | | | |
|---|---|---|---|
| ***ff*** | ***(Fortissimo)*** | – | örän gaty |
| ***f*** | ***(Forte)*** | – | gaty |
| ***mf*** | ***(Messo-forte)*** | – | aram gaty |
| ***mp*** | ***(Messo-piano)*** | – | aram ýuwaş |
| ***p*** | ***(Piano)*** | – | ýuwaş |
| ***pp*** | ***(Pianissimo)*** | – | örän ýuwaş |
| ***sf*** | ***(Sforsando)*** | – | sesiň birden güýçli (gaty) çalynmagy. |

Kem-kemden ***p***-den ***f***-e çenli sazyň güýçlenmegi **crescendo** sözi bilen ýa-da < belgisi bilen aňladylýar.

***f***-den ***p***-e çenli sazyň ýuwaşamagy **diminuendo** sözi ýa-da > belgisi bilen belgilenýär.

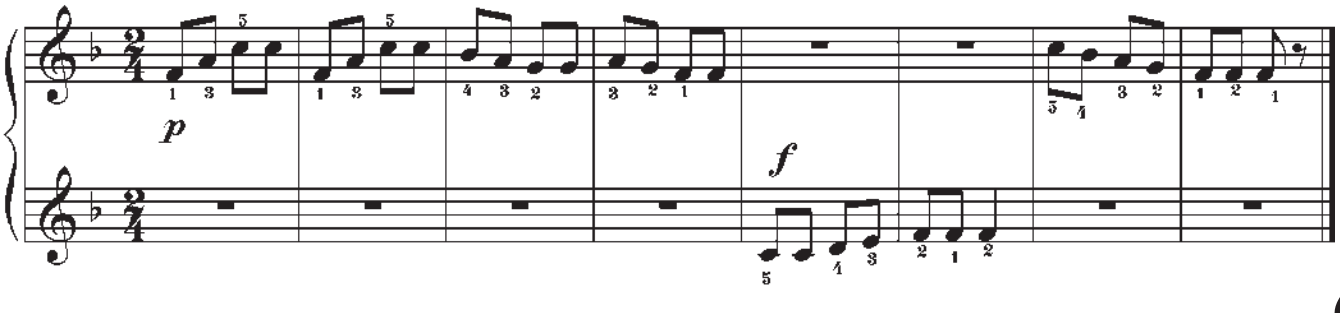
***p*** < ***p*** < ***mp*** < ***mf*** < ***f*** > ***mf*** > ***mp*** > ***p*** > ***pp***

< > belgi indiki belgä çenli dowam edýär.

## 55. Üç guş tans etdiler

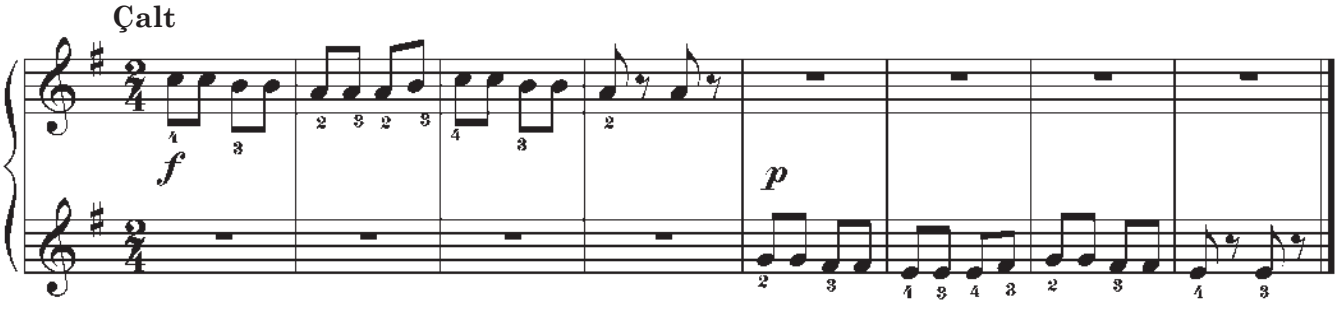
(*Çeh aýdymy*)

**Aram tizlikde**



## 56. Meýdanda, ýa ekinde

(*Rus halk aýdymy*)




Sazda gatylyk, ýuwaşlyk öwüşginlerden başga, aýratyn, bir sesi üýtgedýän bellik hem bolup bilýär. Olar **basym** we **aksent** diýlip atlandyrylýar.

Basym we aksentler her hili bolup bilýär.

Köp duşýan aksentler:

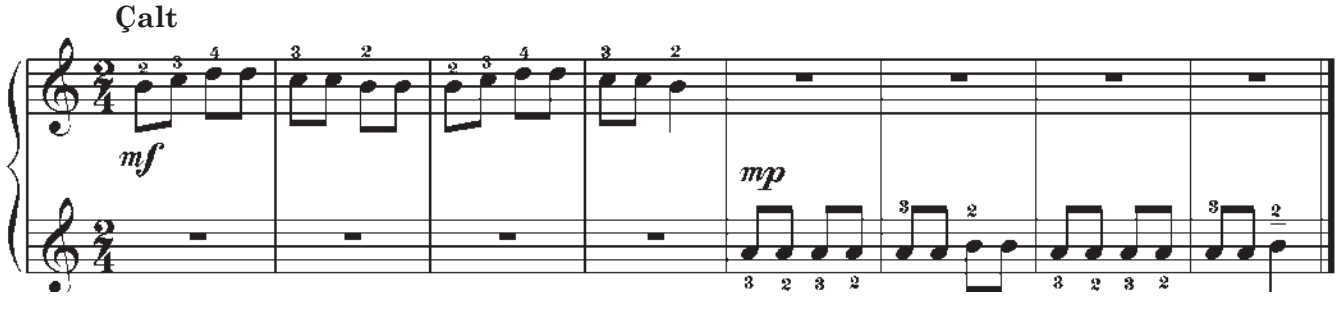
– bu basymly nota beýleki notalardan gaty, ýöne ýiti bolmaly däl.

– bu basymly nota süýndürilip, çuň çalynmagy aňladýar.

– bu basymly nota ýiti çalynmaly.

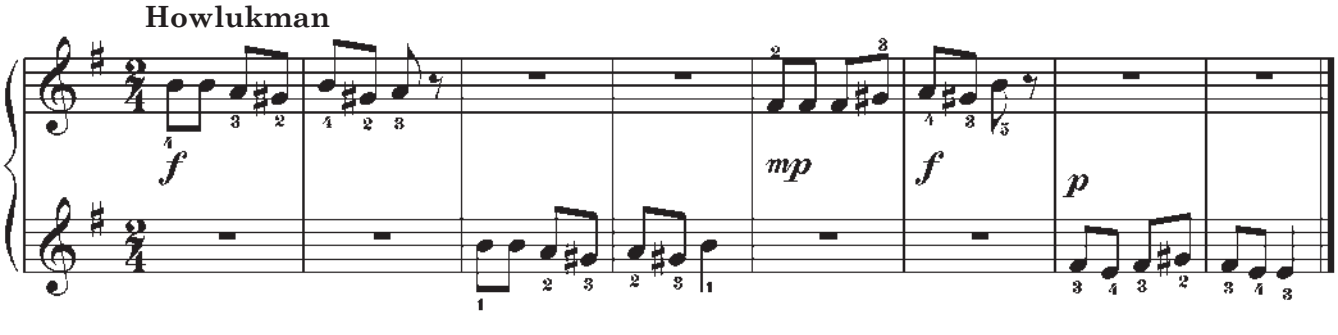
## 57. Boýdaşlarymyz barýar

(*Rus halk aýdymy*)



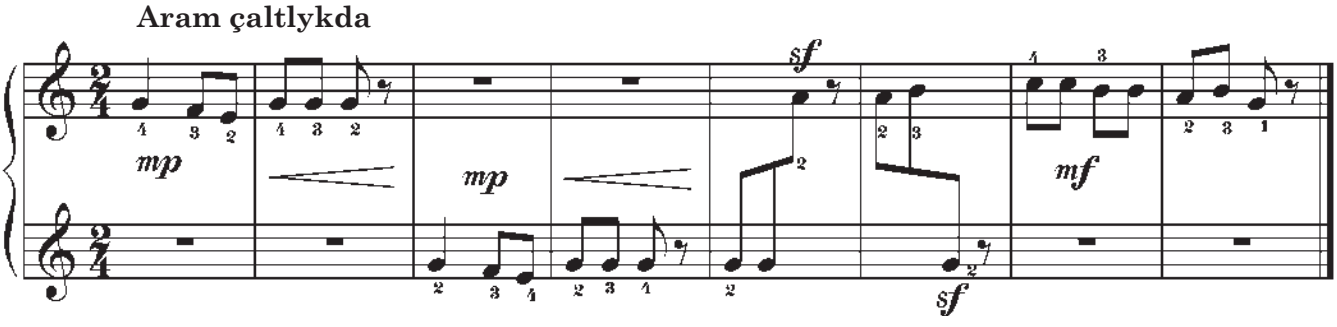

## 58. Çapak-çapak elleri

*D. Nuryýew*



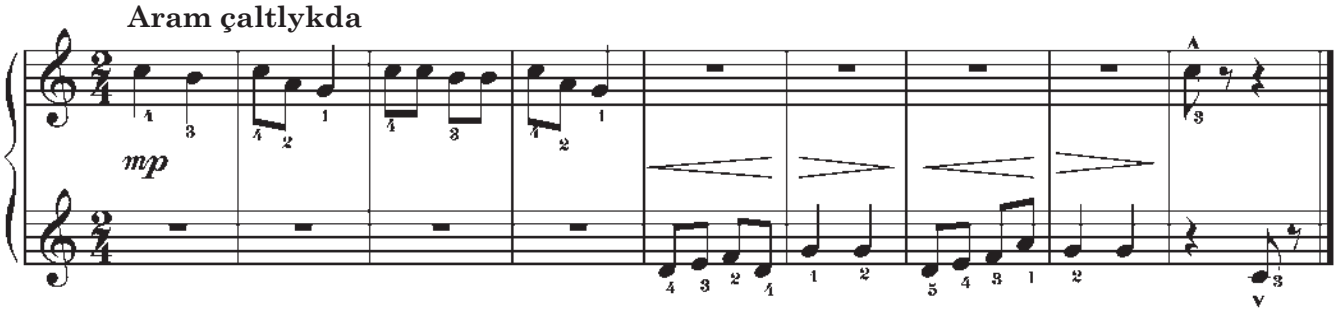
## 59. Towşanjyk

*M. Karasew*



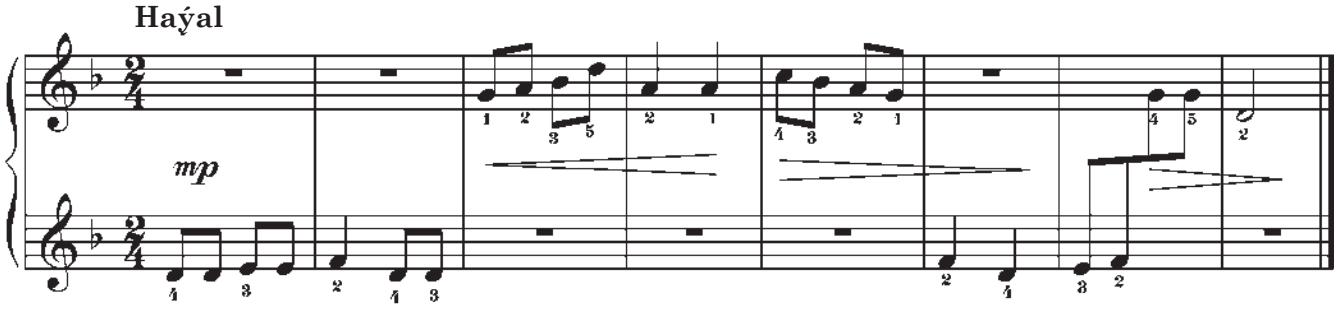

## 60. Dagda garjagaz

(*Çagalar aýdymy*)



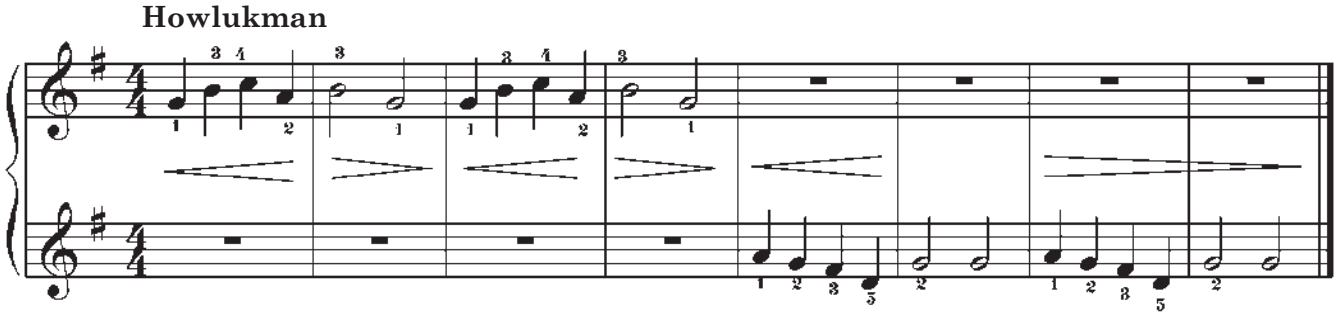

## 61. Güýz

(*Çagalar aýdymy*)




## 62. Kim akylly?

*A. Aleksandrow*



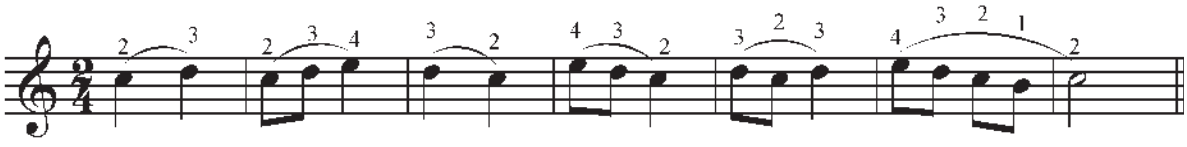
# X. ŞTRIHLER

## Legato. Staccato. Non legato

Sazlaryň häsiýeti yzygiderli ýa-da aýratyn süýndürip ýa-da gysgaldyp çalşyňa bagly bolýar. Olary bellemek üçin hem belgiler bolup bilýär. Esasy ştrih belgileri üç sanydyr: **legato, staccato, non legato.**

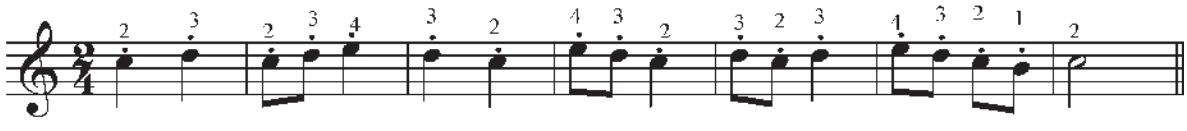
**1.** ⌒ ýaý – notalaryň aşagynda ýa-da ýokarsynda goýulsa, ⌣ oňa **legato** diýilýär. Ýaýa birikdirilen notalaryň arasyny bölmän çalmaly. Legato usuly bilen çalnanda, ünsüňi bir sesiň beýleki sese geçiş arabaglanyşygyny eşitmeklige gönükdirmelidir.

**Meselem:**



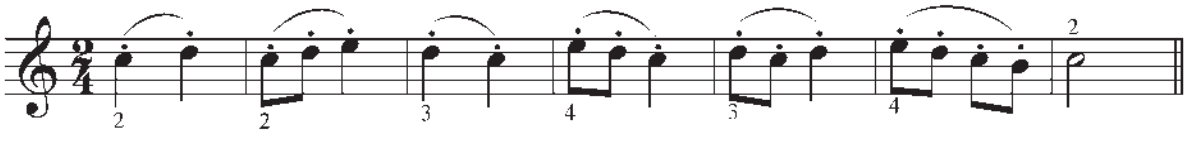
**2.** Notalaryň aşagynda ýa-da ýokarsynda goýlan nokat · şol notanyň gysga ugry bilen (böküp çalmak) – **staccato** çalmalydygyny görkezýär.

**Meselem:**



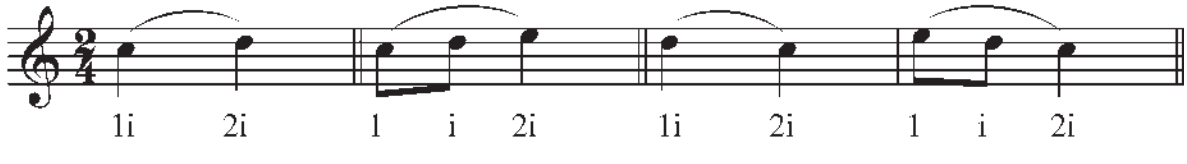
**3. Non legato** (baglanyşykly däl) usuly bilen çalmak, *legato* we *staccato* aralygyny tutýar. Ol her notany aýratyn çalmak diýmekdir.

**Meselem:**

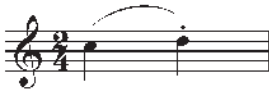


*Non legato* birleşdirilip ýa-da bökülip çalynmaly däl. Ony her sesi aýratyn çuň ses bilen, eliňi emaý bilen goýup çalmaly. Şu wagta çenli biz *non legato* ştrihi bilen çaldyk. Notada ştrih belgisi goýulmasa, ony *non legatoda* çalmalydygyny aňladýar.

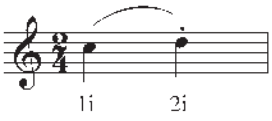
Esasy kada – *legato* ştrihiniň ýerine ýetirilişi: ýaýyň başynda eliňi emaý bilen düşürip, barmagy klawişa goýýarys, barmaklary mylaýym hereketlendirip, sesi indiki sese geçirýäris. Ýaýyň soňunda eliňi ýuwaşja galdyrmaly.



Kä wagt soňky notanyň üstünde nokat goýulýar.

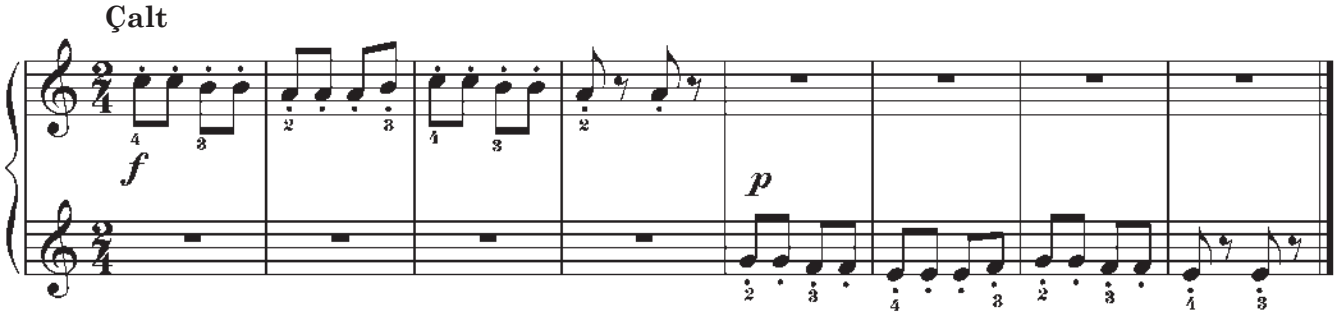


Ol, *legato* gutaranda soňky sesi gysga çalmalydygyny aňladýar.

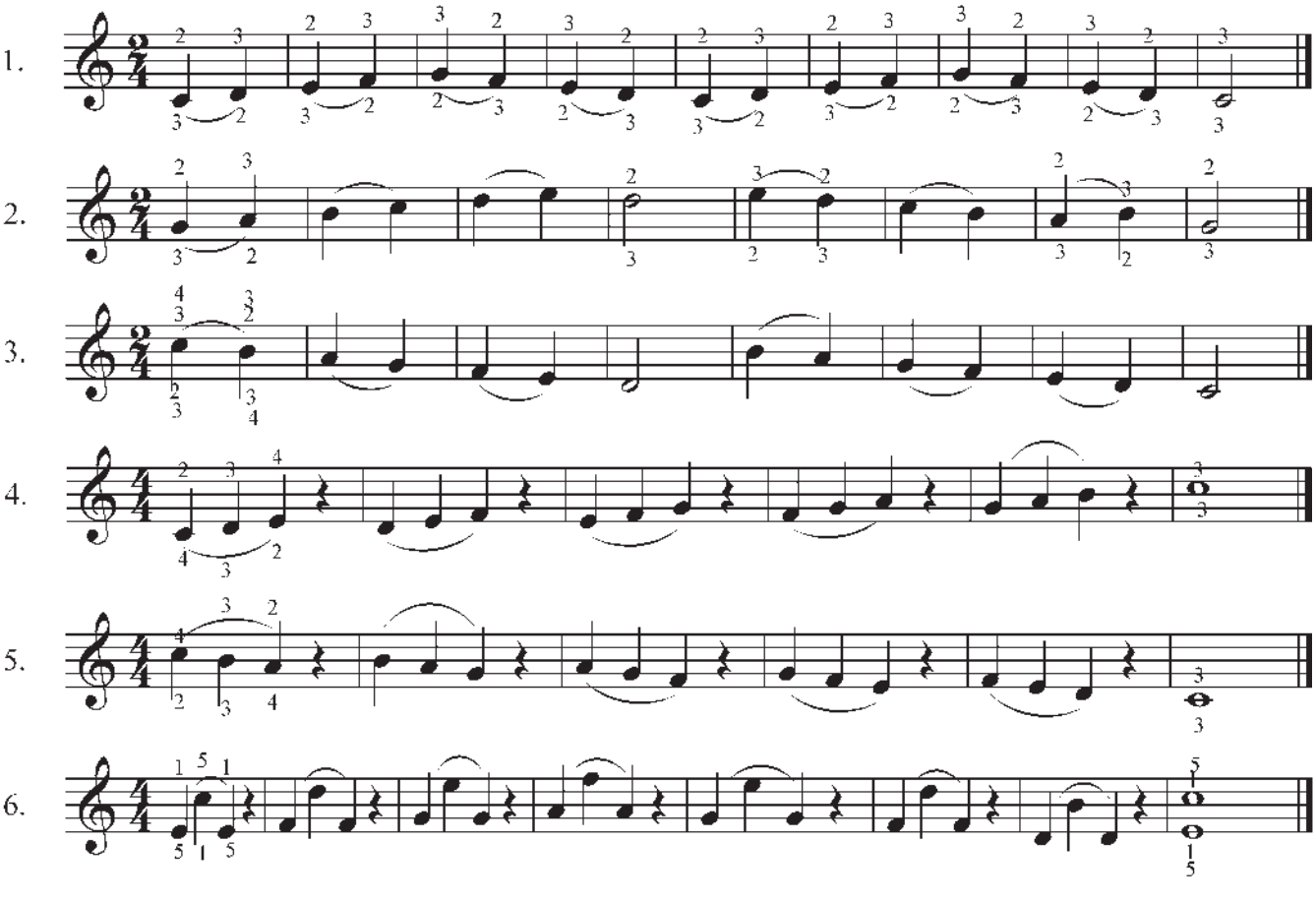



## 63. Meýdanda, ýa ekinde

(*Rus halk aýdymy*)



### Gönükmeler



7.

8.

9.

## 64. Dagda garjagaz

(*Çagalar aýdymy*)

**Aram çaltlykda**

*mf*

## 65. Güýz

(*Çagalar aýdymy*)

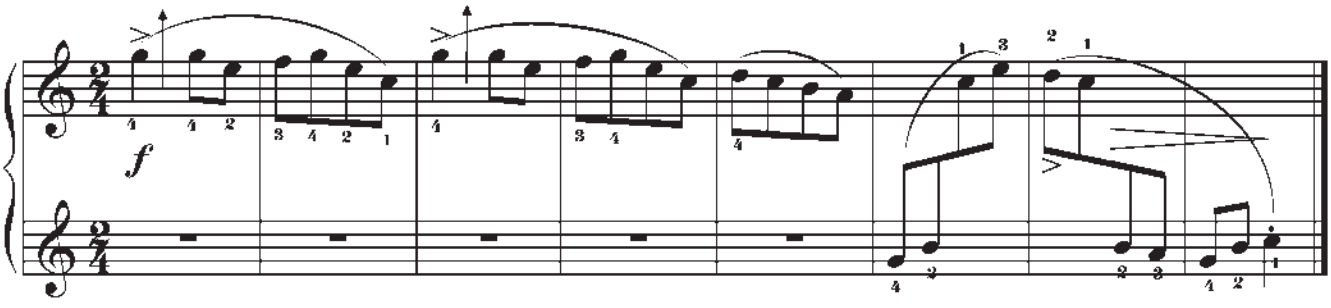
**Haýal**

*mp*

## 66. Gideýinmi, ýa çykaýyn

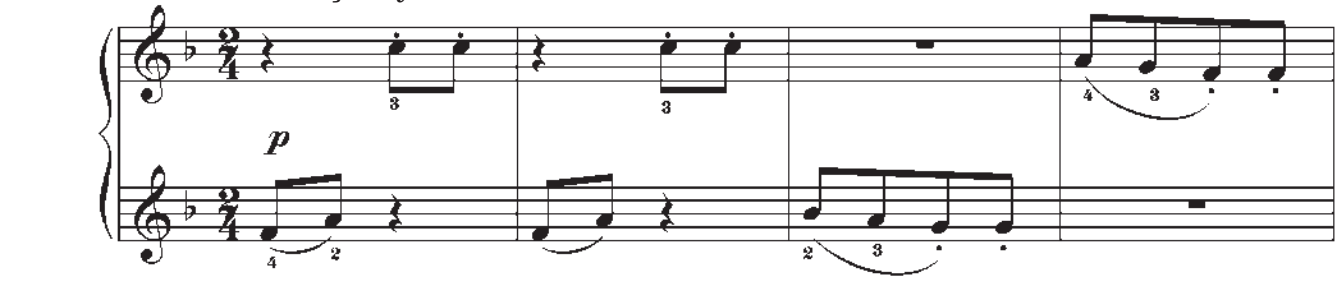
(*Rus halk aýdymy*)

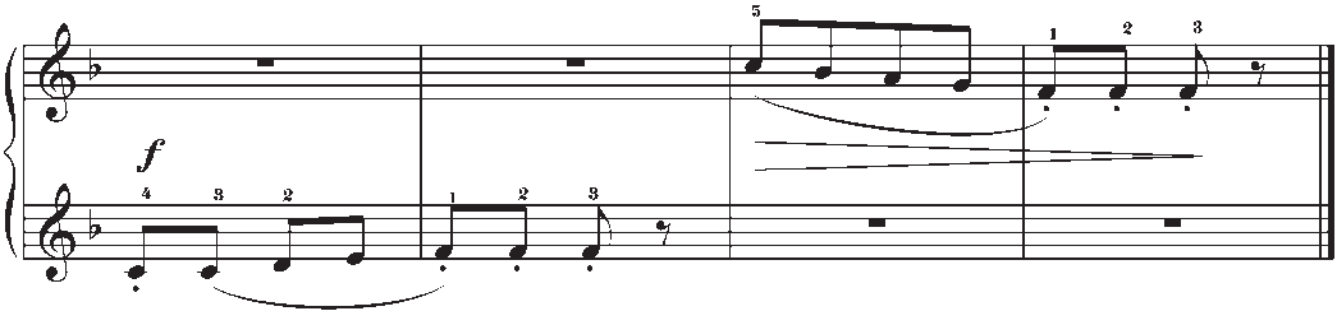
Çalt




## 67. Çeh çagalar aýdymy

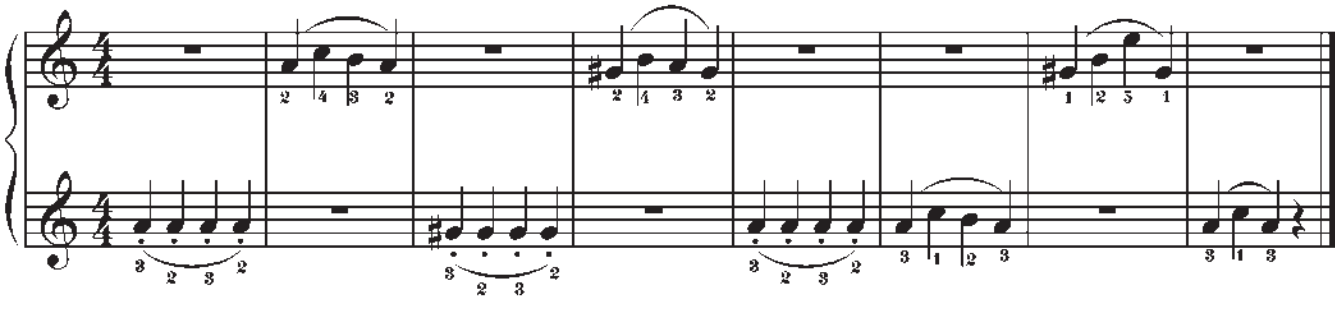
Aram çaltlykda




## 68. Ukrain halk aýdymy

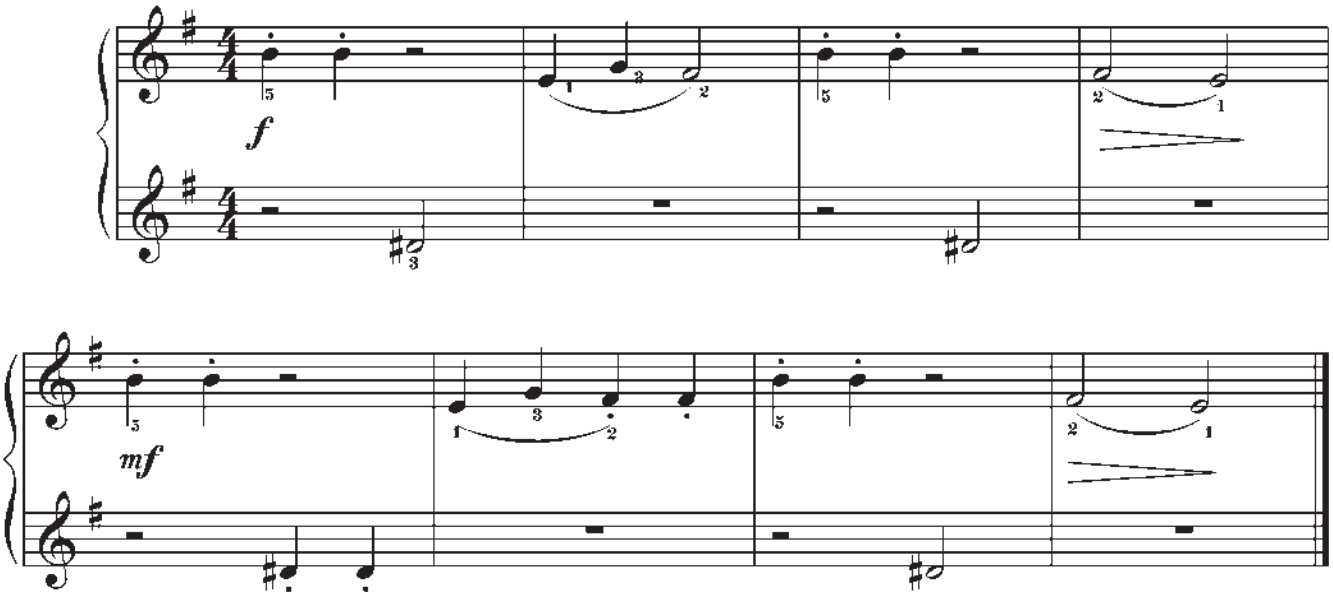
Howlukman



## 69. Durna we gurbaga

*M. Karasew*

**Aram tizlikde**

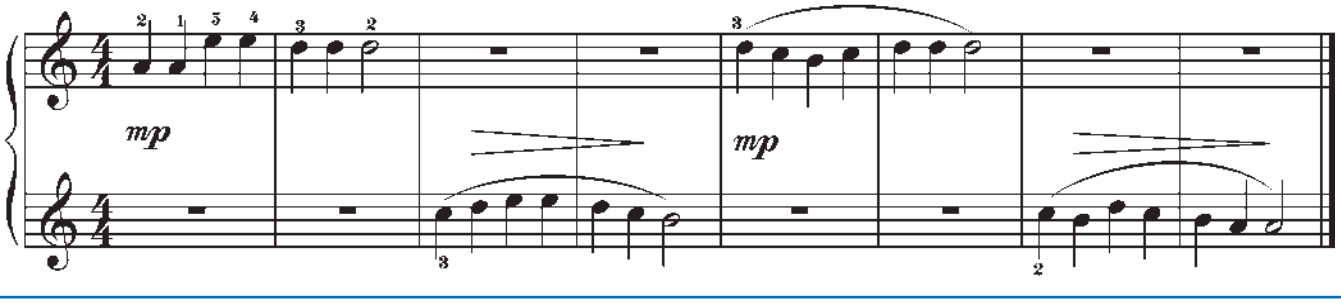



**DAŇATAR ÖWEZOW**
*Türkmenistanyň halk artisti, Magtymguly adyndaky Döwlet baýragynyň eýesi (1911–1966)*

## 70. Meniň köşgüm

*D. Öwezow*

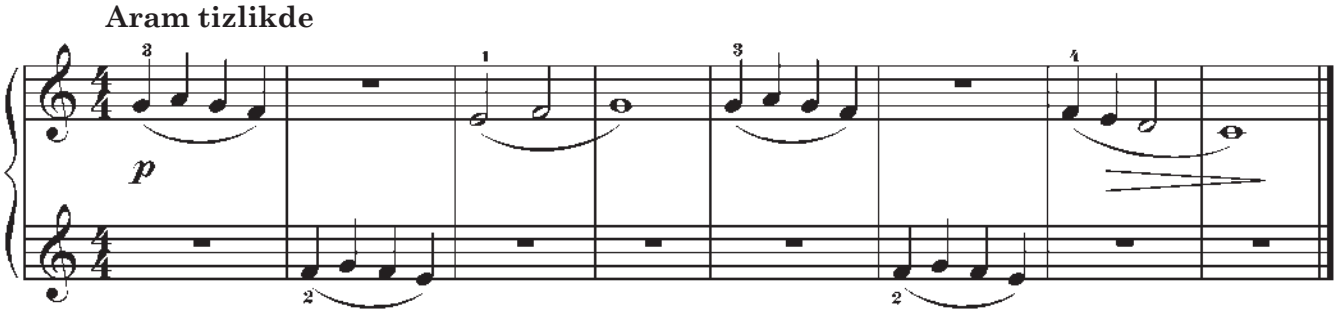
**Howlukman**



**ÇARY NURYMOW,**
*Türkmenistanyň halk artisti, Magtymguly adyndaky Döwlet baýragynyň eýesi, professor (1940–1993)*

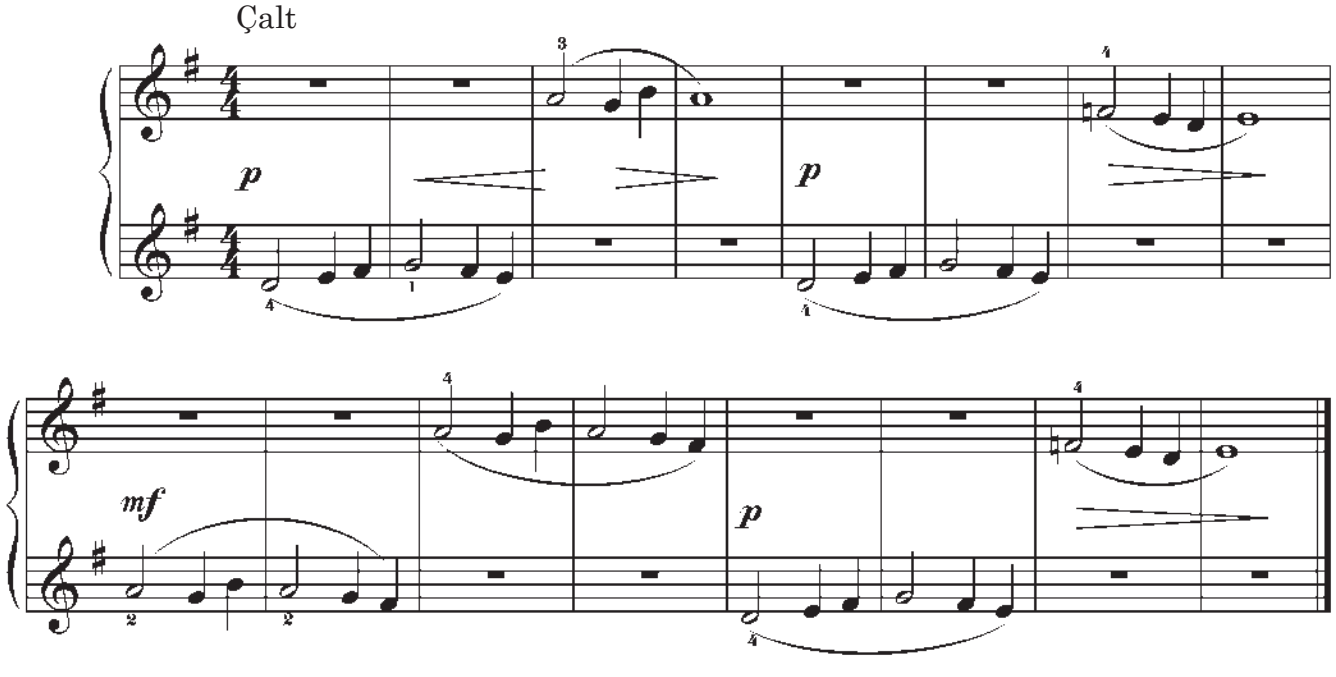
## 71. Pýesa

*Ç. Nurymow*




## 72. Etýud

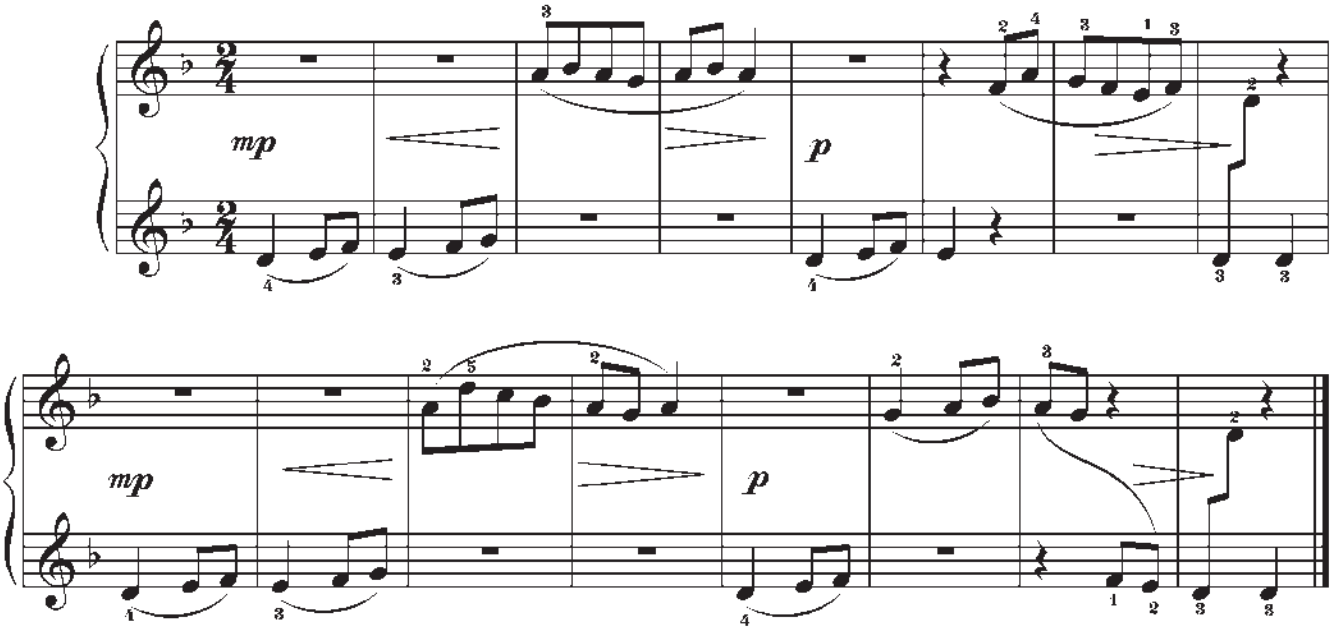
*Ç. Babaýew*



## 73. Etýud

*Ç. Babaýew*

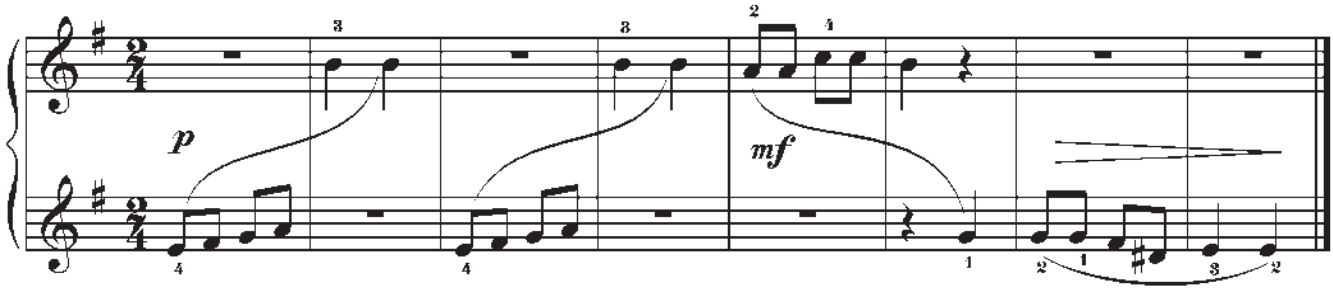
**Howlukman**




## 74. Güýz aýdymjagazy

*D. Wasilýew-Buglaý*

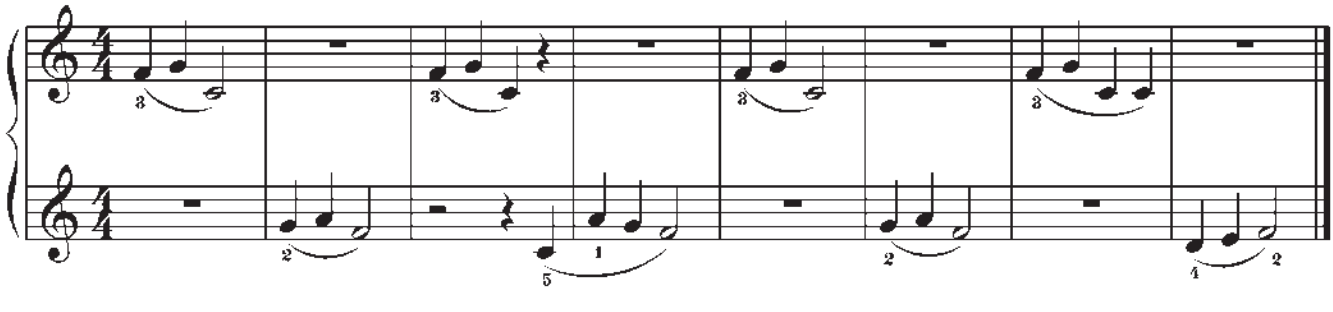
**Aram tizlikde**




## 75. Etýud

*Lýahowiskaýa*

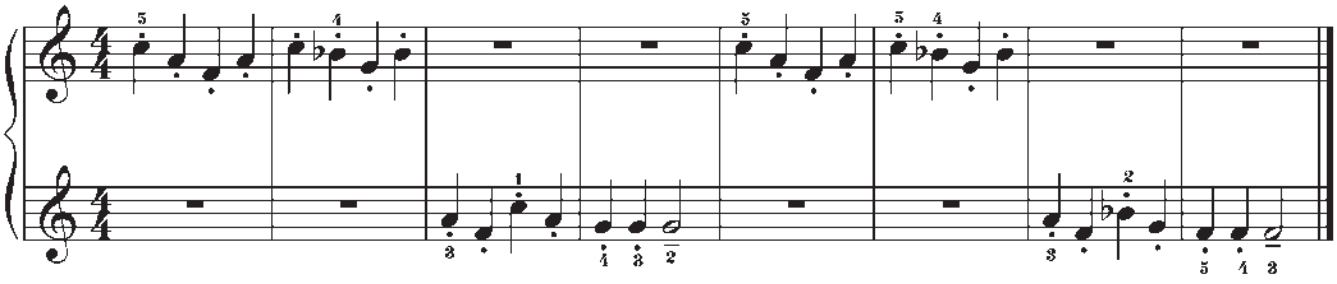
**Howlukman**



## 76. Etýud

*Lýahowiskaýa*

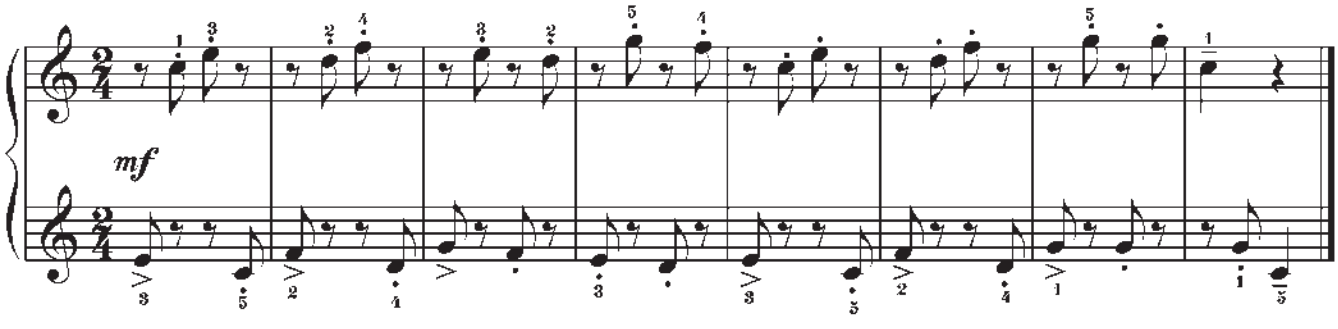
**Aram tizlikde**



## 77. Etýud

*A. Şmid*

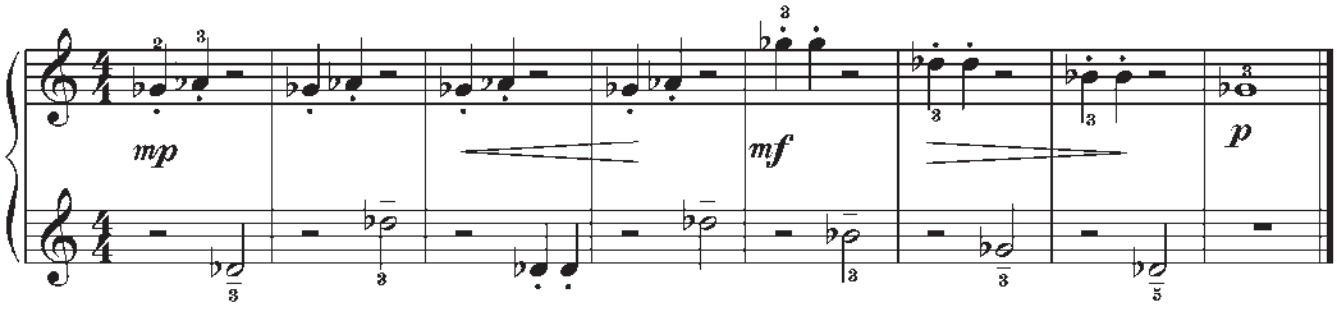
**Howlukman**




## 78. Etýud

*Ý. Gnesina*

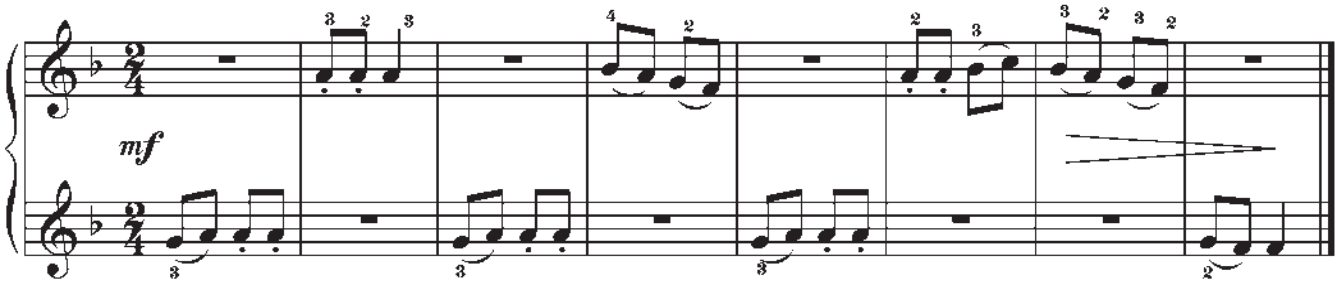
**Aram tizlikde**




## 79. Piýala

(*Türkmen tansy*)

**Çaltrak**



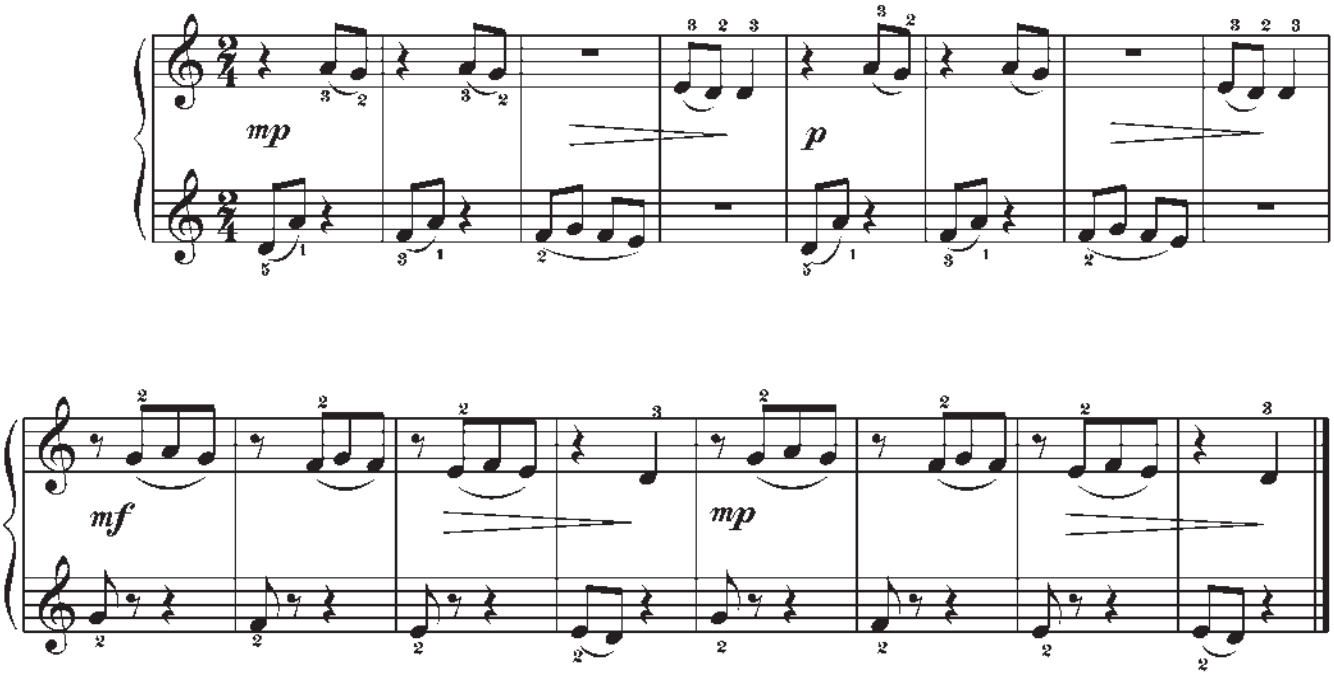
**AŞYR KULYÝEW,**
*Türkmenistanyň halk artisti, Magtymguly adyndaky Döwlet baýragynyň eýesi, professor (1918–2000)*

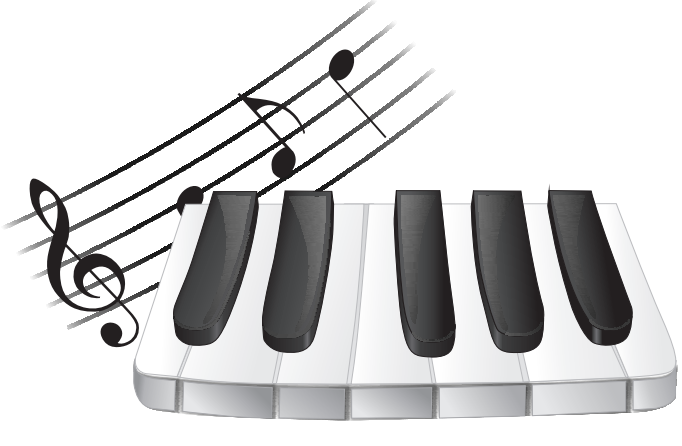
## 80. Tans

(*«Abadan» operasyndan*)

*A. Kulyýew, Ý. Meýtus*

**Çaltrak**



# 81. Ak eşekli

(*Türkmen halk aýdymy*)

**Şatlykly**

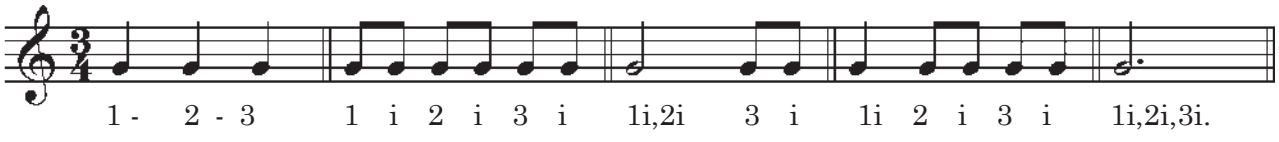
*mf* *mp* *p* *dim. e rit.*

# XI. ÜÇ PAÝLY ÖLÇEG

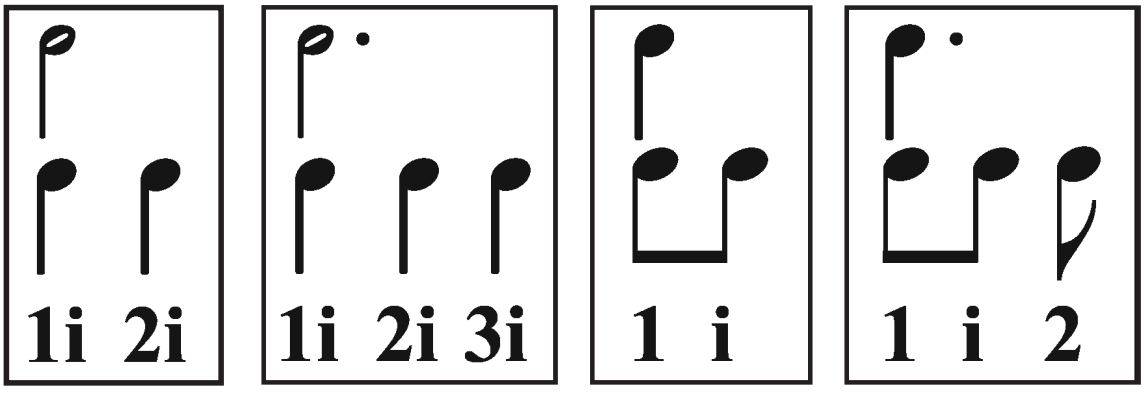
Saz eserleri birnäçe deň böleklere – kesimlere bölünýär. Her bir kesim birnäçe bogundan durýar. Kesimdäki bogunlaryň sany bolsa, eseriň başynda açardan soň, sanlar arkaly görkezilýär. Ýokarky san – kesimdäki bogunlaryň sanyny görkezýär, aşaky san – şol bogunlaryň dowamlylygyny görkezýär. Iki sana bilelikde kesimiň ölçegi diýilýär. Meselem: $^{2}/_{4}$; $^{3}/_{4}$; $^{4}/_{4}$; we ş. m.

Kesimiň birinji bognuna **güýçli bogun** diýilýär.

Ikä we dörde bölünýän ölçegi siz öwrendiňiz we çalyp gördüňiz. Indi bolsa, üç paýly ölçegi öwreneliň we çalyp göreliň.



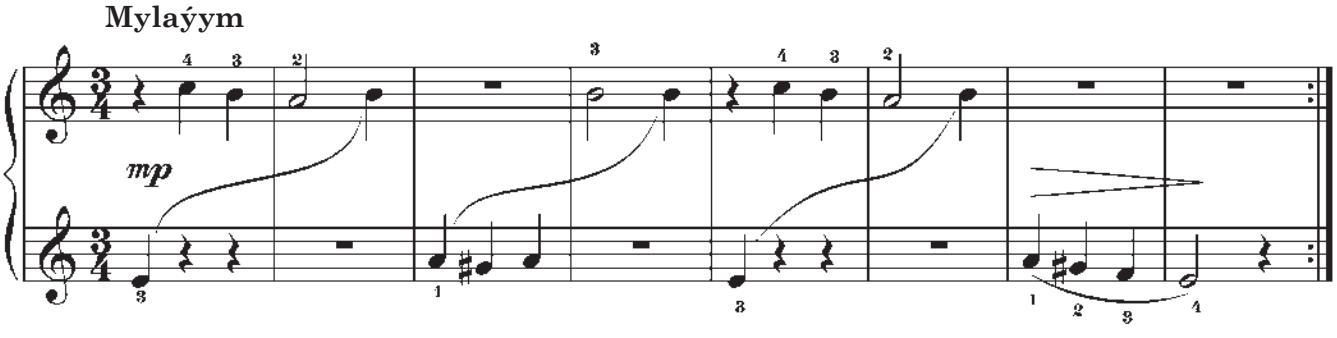

Notanyň sag tarapynda goýlan nokat onuň dowamlylygyny ýarym esse artdyrýar.



**HYDYR ALLANUROW,**
*Türkmenistanyň halk artisti*
*(1922–1993)*

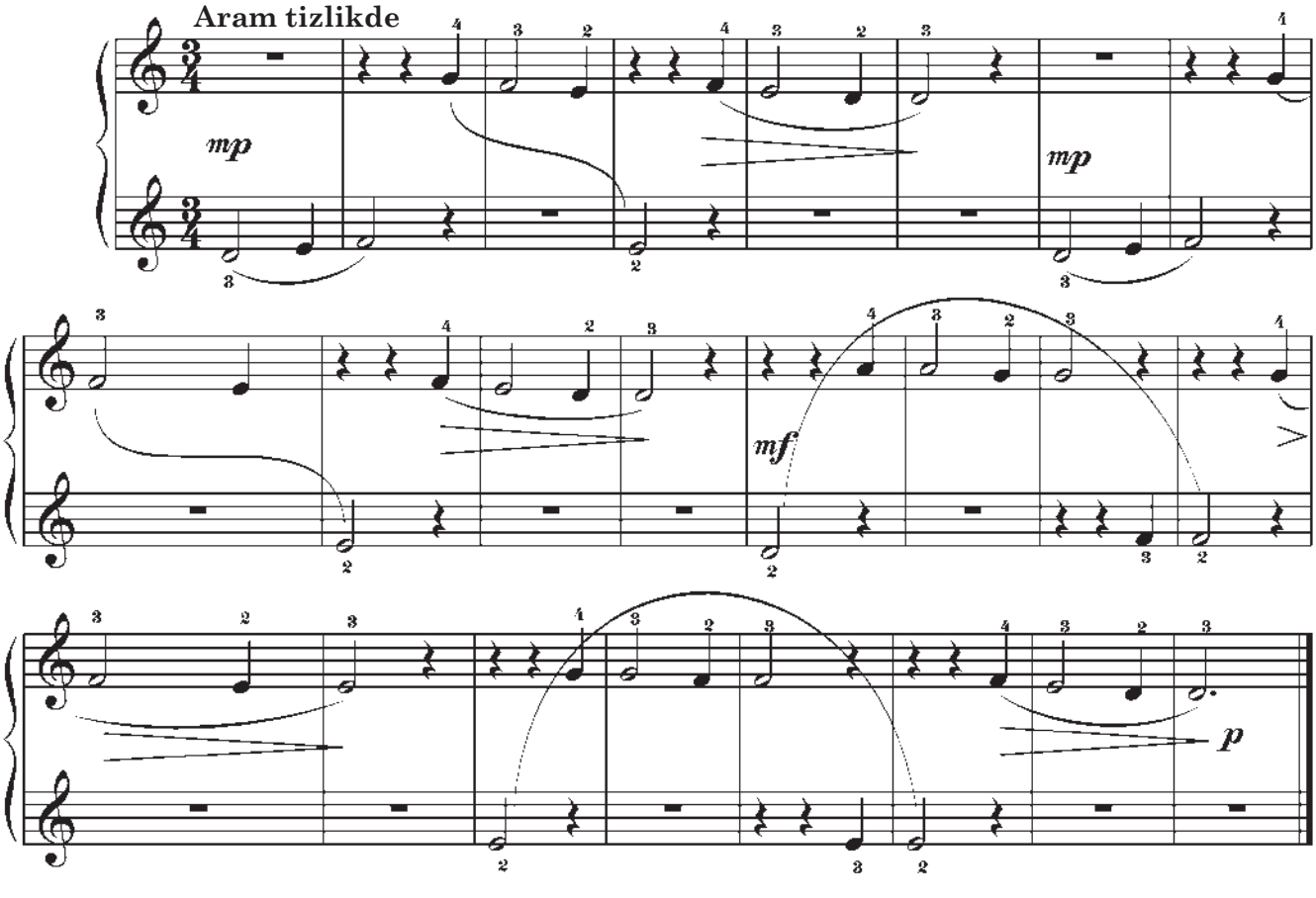
## 82. Aýdym

*H. Allanurow*




## 83. Lälejan

*D. Öwezow*



## 84. Dnepr

(*Ukrain halk aýdymy*)

Haýal

II

*p*

## 85. Wals

*F. Şubert*

Aram tizlikde

II

*mf*

*sf*

## 84. Dnepr

(*Ukrain halk aýdymy*)

**Haýal**

I

*mp*

## 85. Wals

*F. Şubert*

**Aram tizlikde**

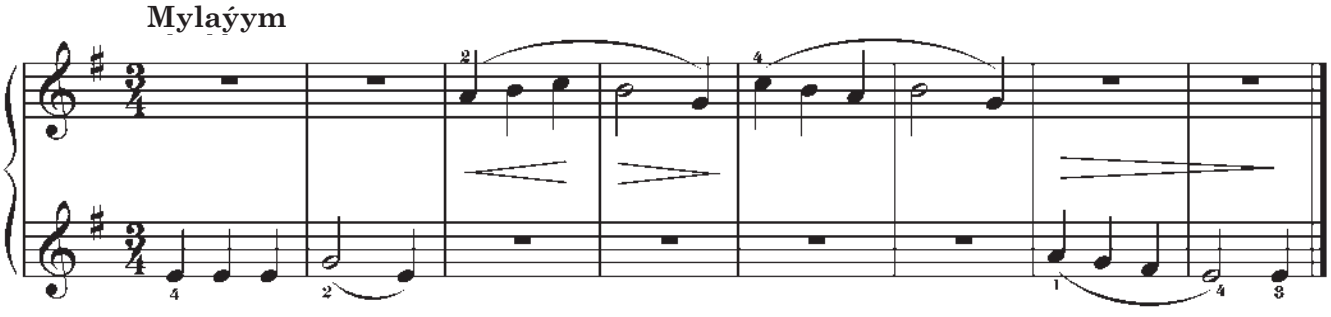
I

*mf*

(1 i 2 i 3 i)

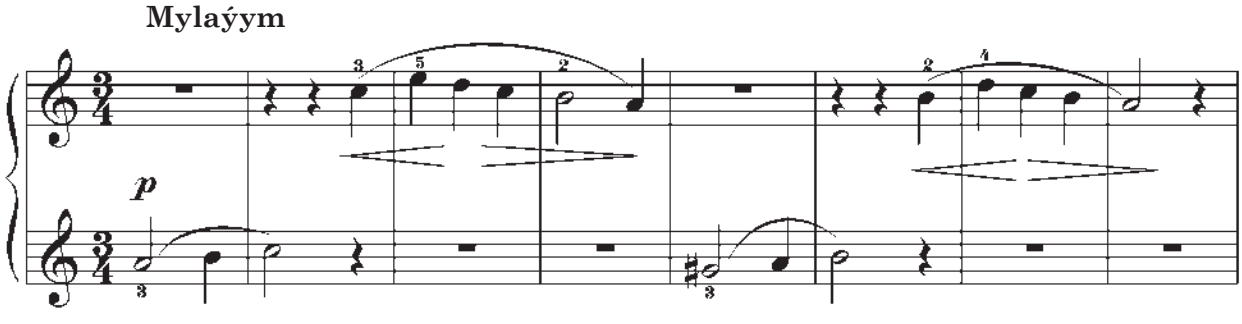
*sf*

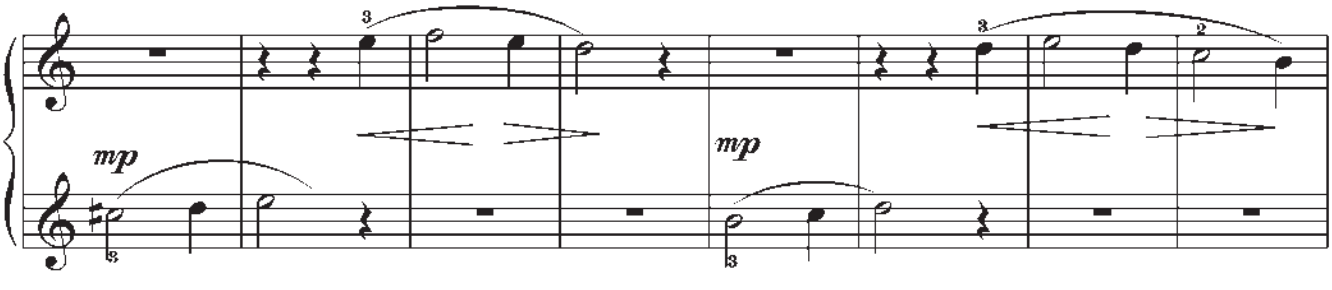
## 86. Belarus halk aýdymy

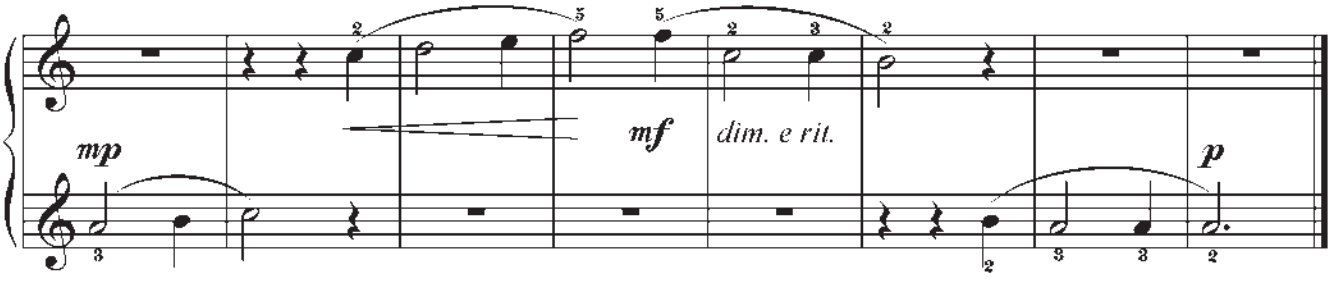



## 87. Wals

*H. Magtymgulyýew*



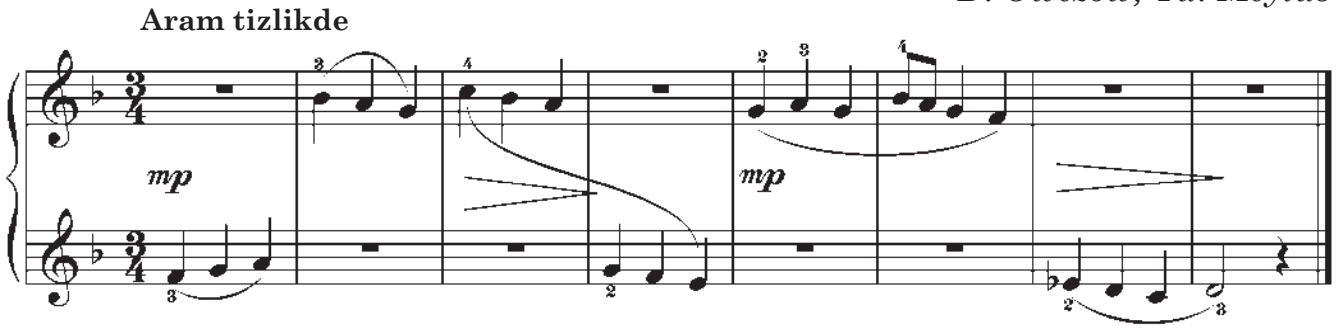



## 88. Aýdym

(*«Leýli–Mejnun» operasyndan*)

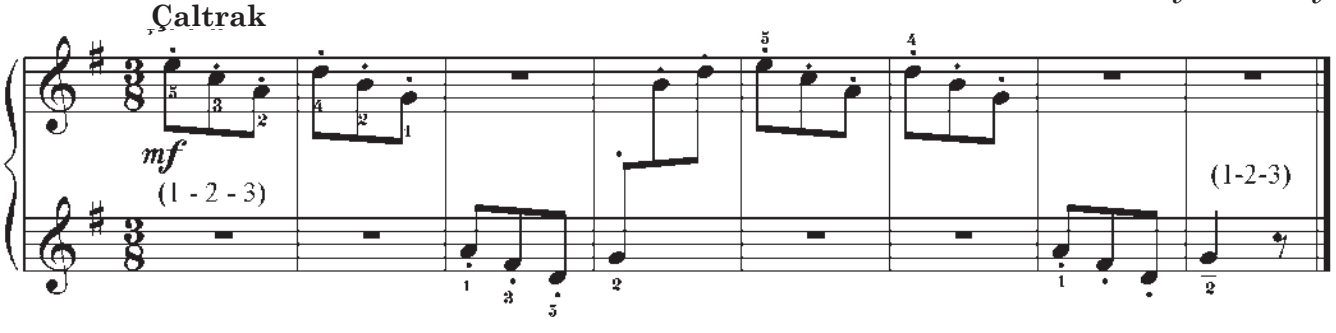
*D. Öwezow, Ýu. Meýtus*




Üçe bölünýän ölçeg diňe $^{3}/_{4}$ däl-de $^{3}/_{8}$ hem bolup bilýär. Bir kesimde üç çärýeklik nota däl-de, üç sekizdenbirlik nota ýerleşýär.

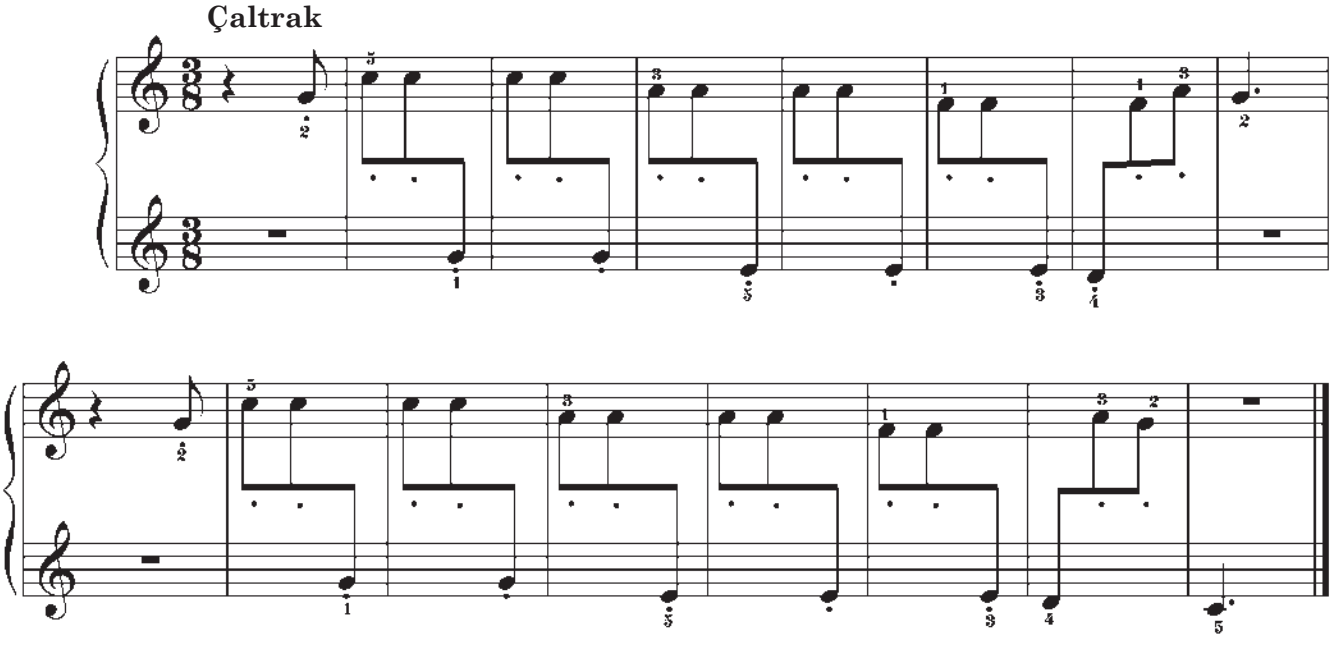
## 89. Etýud

*N. Lýubarskiý*




## 90. Ýolka

*W. Solowýow-Sedoý*

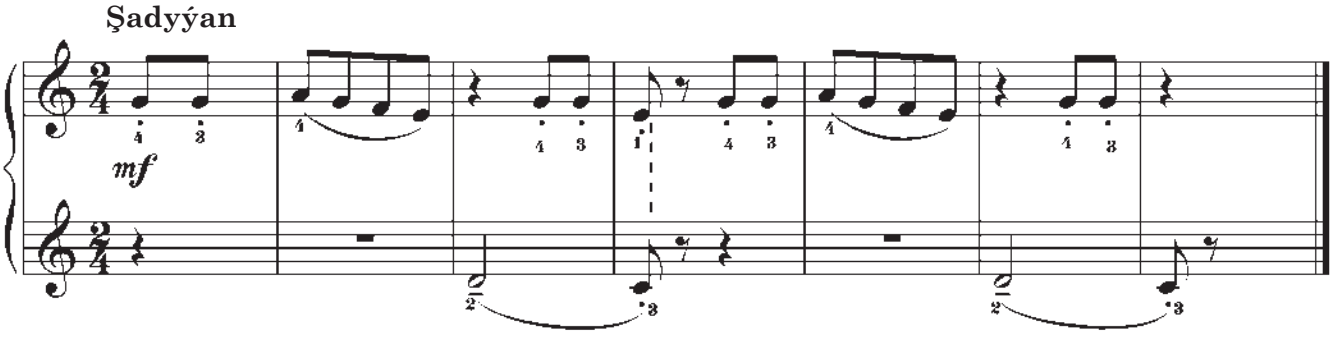


# XII. SAZLAŞYK

Şu wagta çenli biz iki elimizi gezekleşdirip çaldyk. Indiki eserlerde iki elimiz bilen birden çalmagy öwreneris. Iki eliňe-de üns berip çalmaly, sebäbi her eliň ştrihleri aýratyn bolup biler.

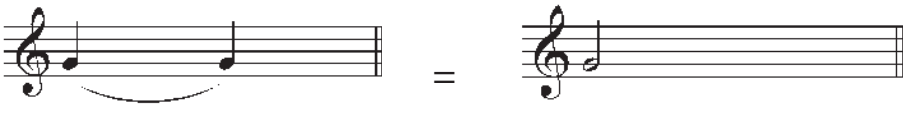
## 91. Öýjagaz

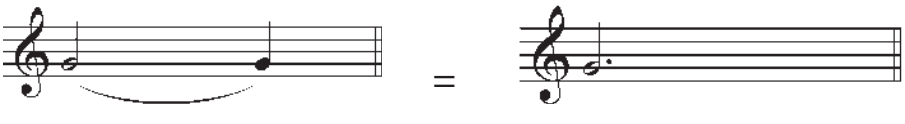
(*Rus halk aýdymy*)

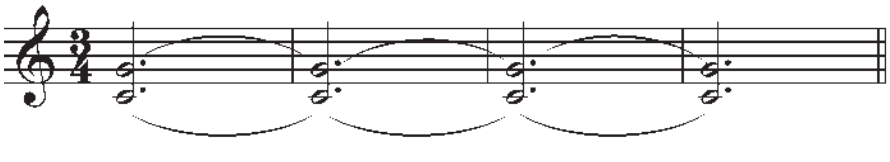



Eger-de ýaý arkaly birmeňzeş beýiklikdäki notalar birleşdirilen bolsa, onda olaryň ikinjisi çalynman, owaz iki notanyň dowamynda hem ýaňlanyp durýar.

**Meselem:**



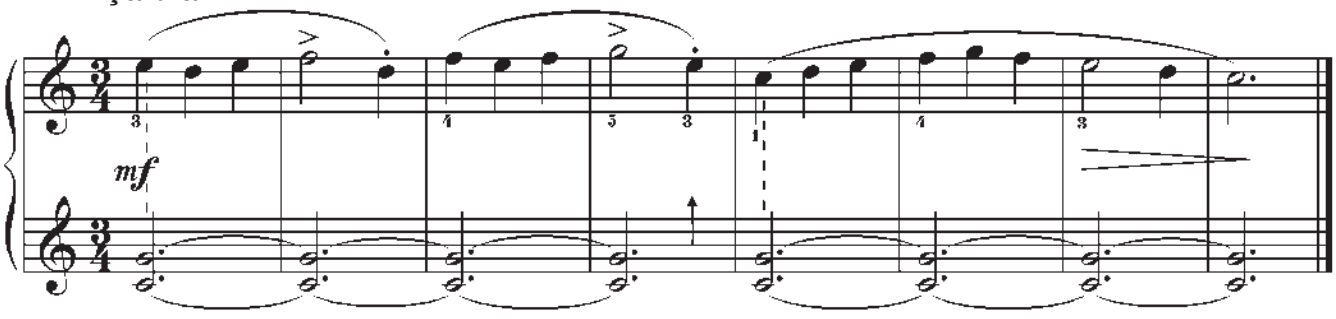




## 92. Etýud

*Ý. Gnesina*

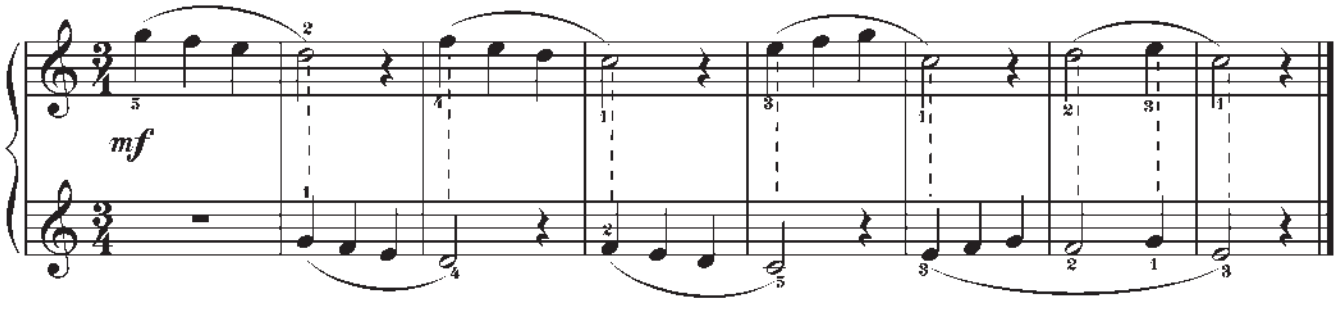
Çaltrak




## 93. Etýud

*Ý. Gnesina*

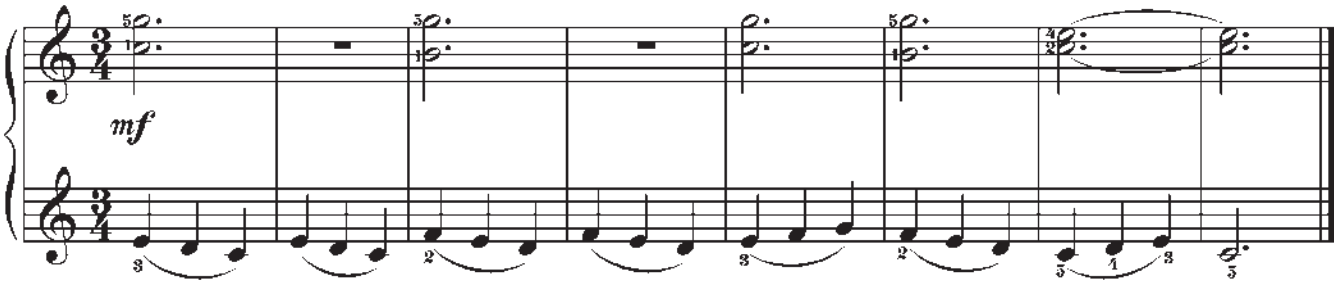
Howlukman




## 94. Etýud

*Ý. Gnesina*

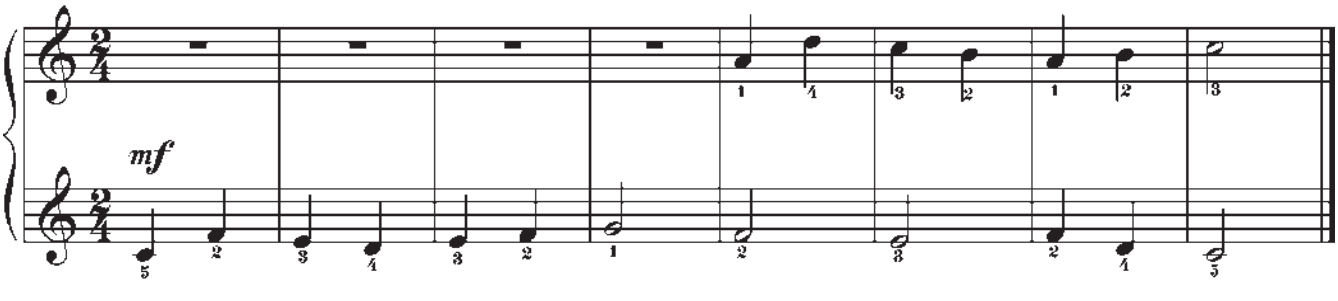
Howlukman




## 95. Birinji ädim

*Ýu. Slonow*

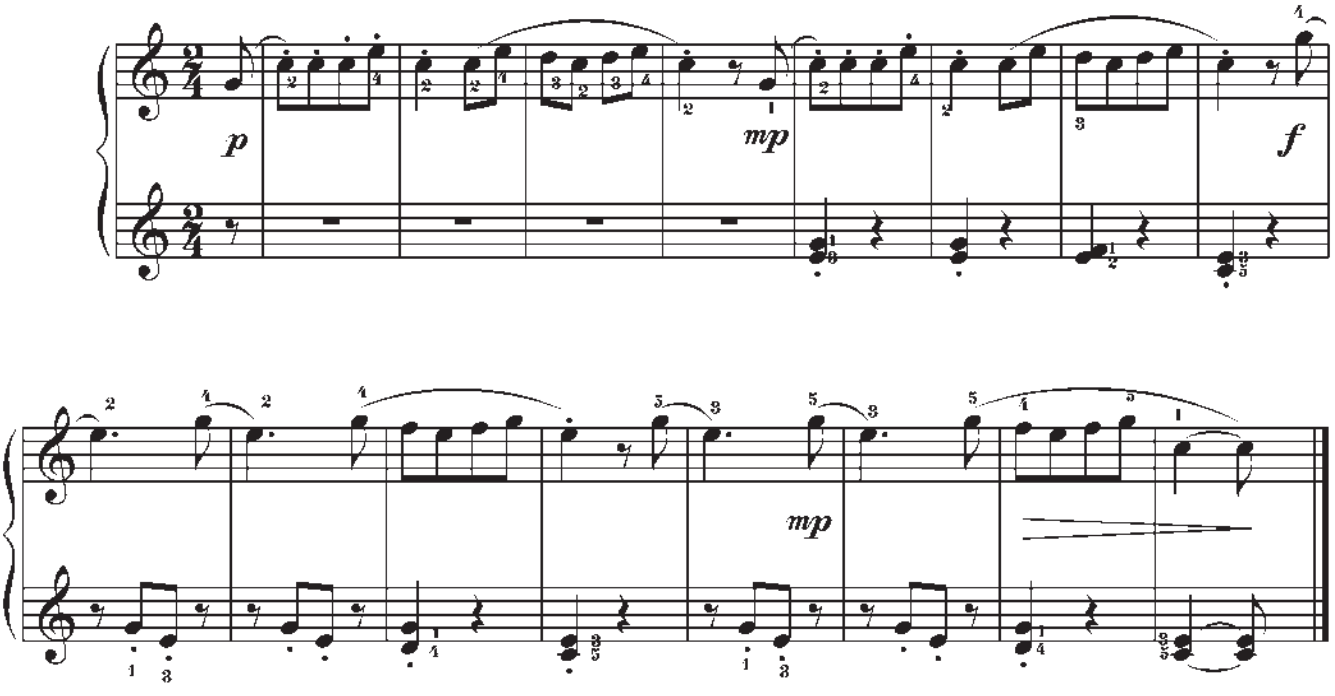
Howlukman



## 96. Kukuşka

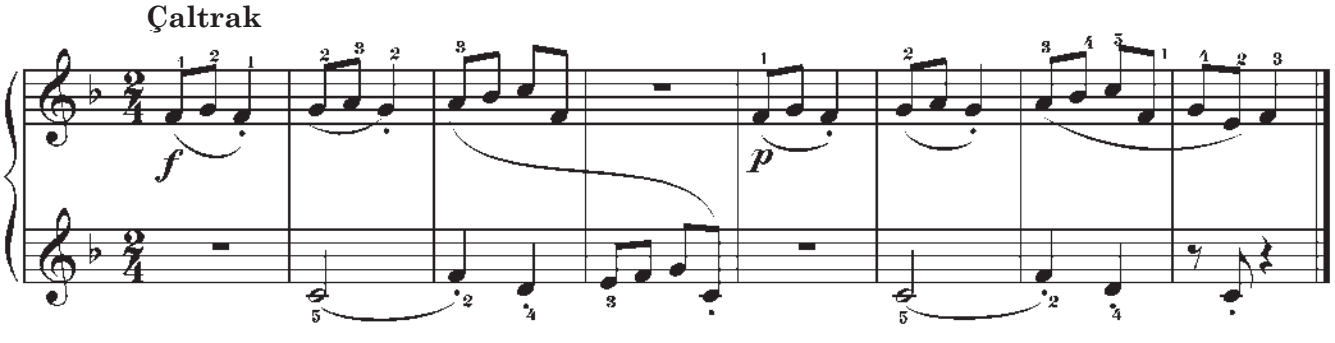
(*Fransuz halk aýdymy*)

**Howlukman**




## 97. Fransuz aýdymy

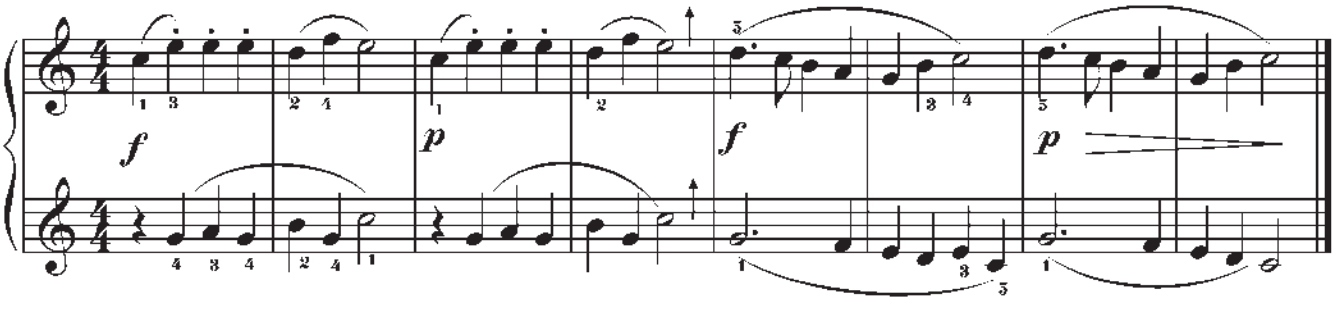
**Çaltrak**



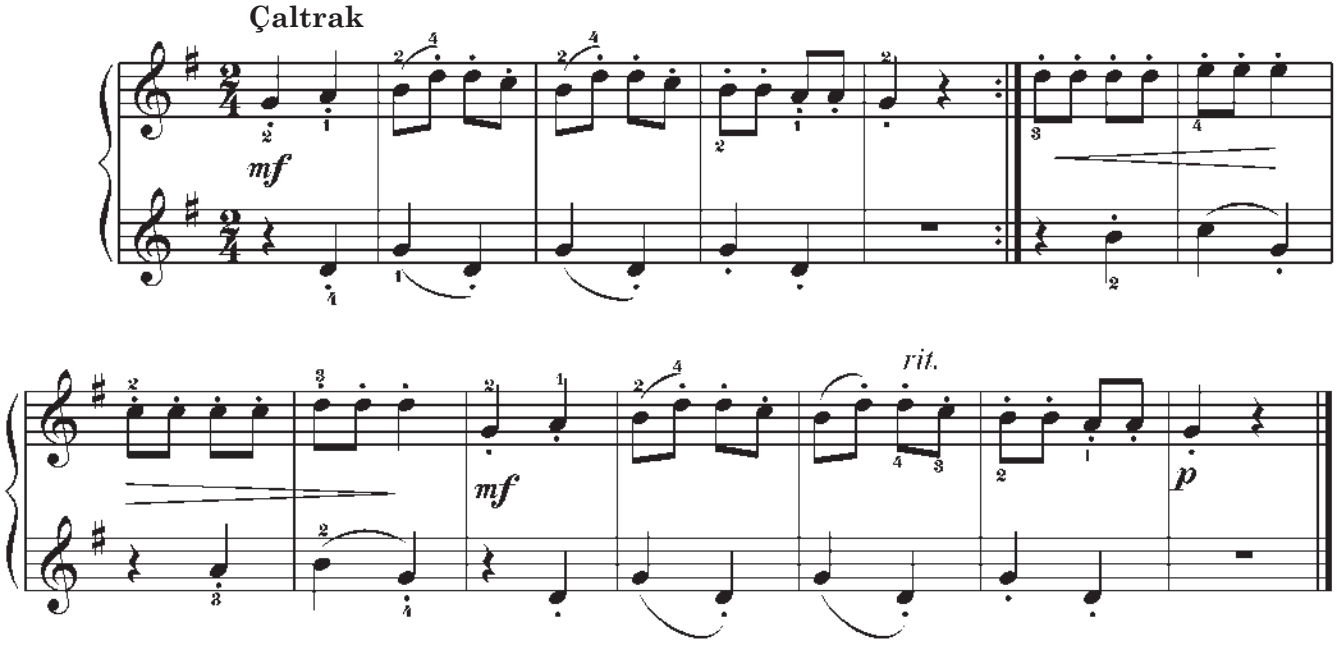

## 98. Biziň gapymyzda

(*Rus halk aýdymy*)

**Aram tizlikde**

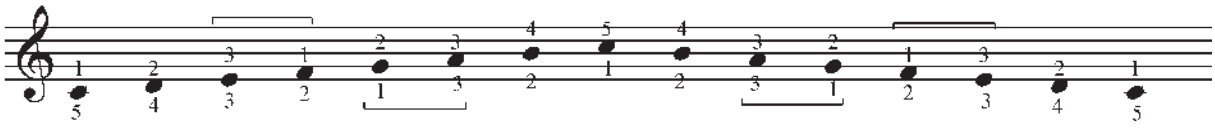


## 99. Çeh halk aýdymy

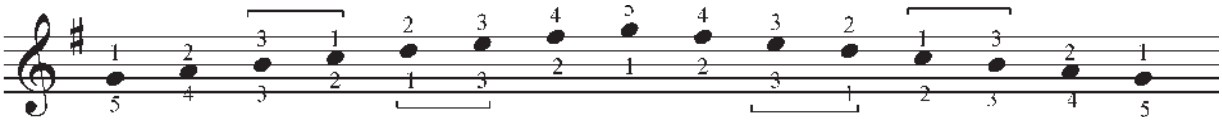



Indi bolsa, geçilen mažor ses hataryny her elde aýratyn gaýtalaň, **«diýez»** belgili ses hataryna **diýezli** ses hatary diýilýär.

**Do mažor**

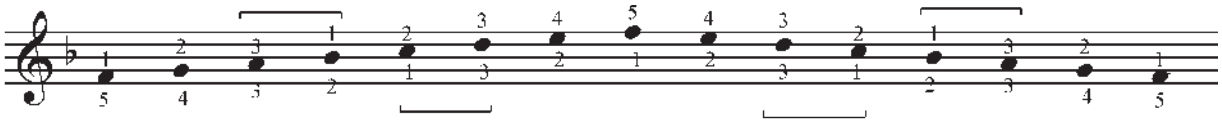


**Sol mažor**



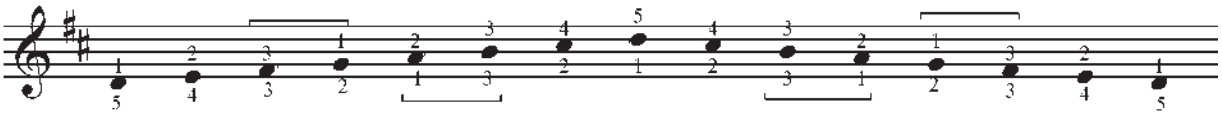
**«Bemol»** belgili ses hataryna **bemolyň** ses hatary diýilýär.

**Fa mažor**



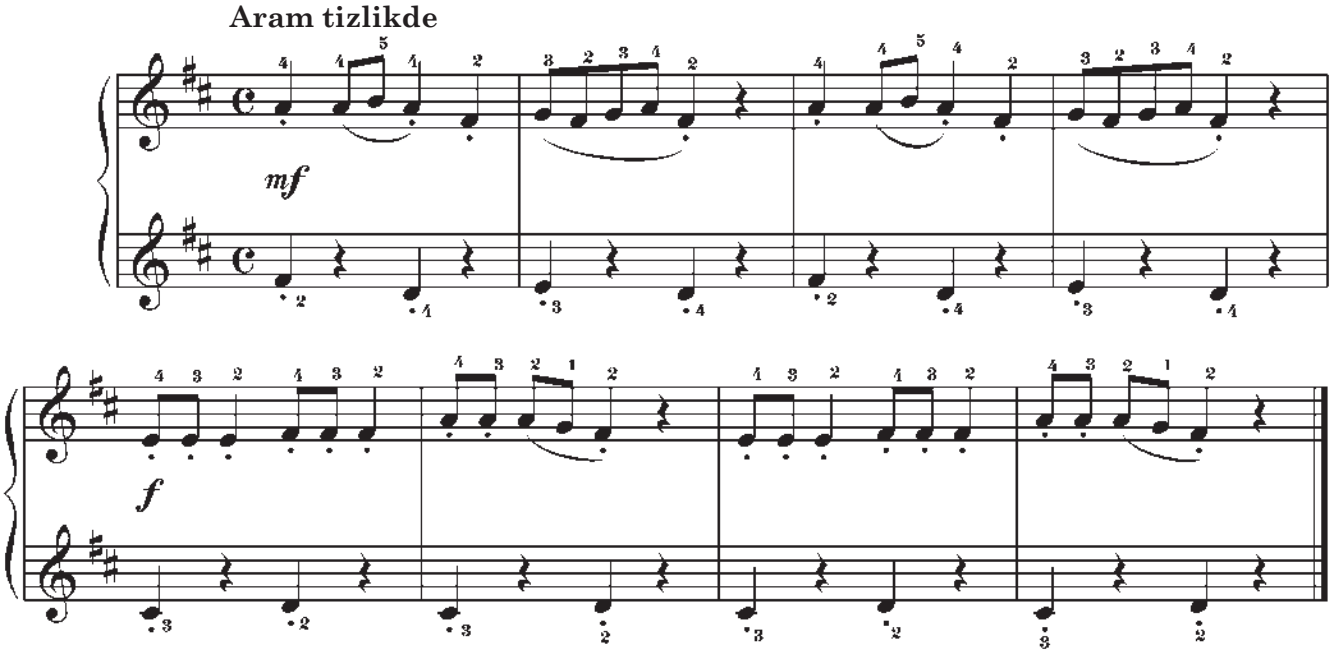
Indi bolsa, diýez ses hatarlaryndan **Re mažor** ses hataryny öwreneliň. Re mažor ses hatarynda iki belgi bar – ***fa*** diýez we ***do*** diýez.

**Re mažor**



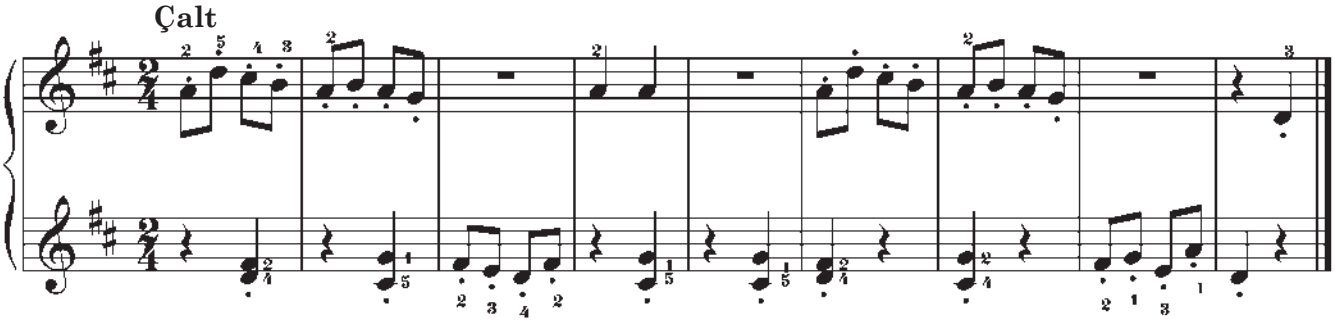
## 100. Sawka we Grişka

(*Belarus halk aýdymy*)




## 101. Iki horaz

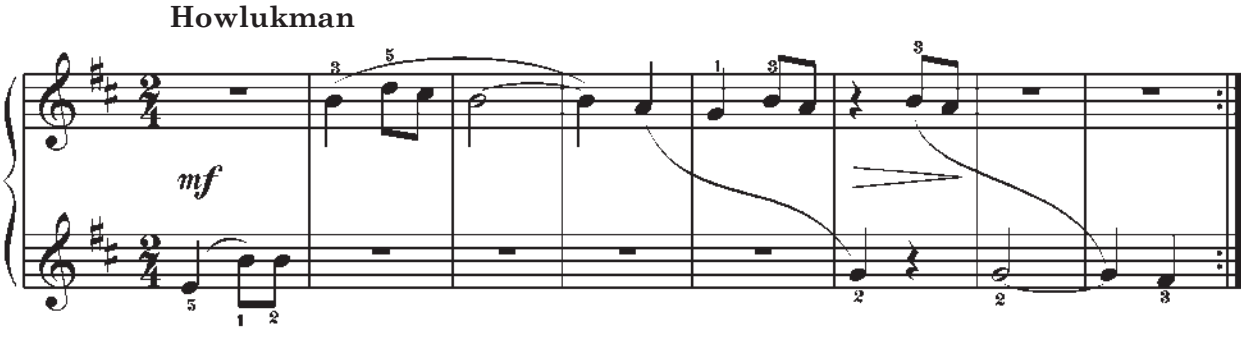
(*Ukrain halk aýdymy*)

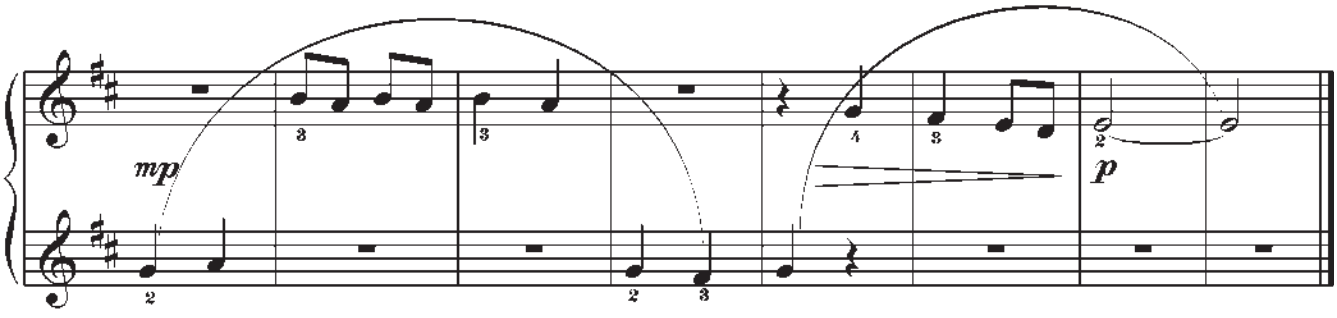



## 102. Halyçy gyzlaryň aýdymy

(*«Abadan» operasyndan*)

*A. Kulyýew, Ýu. Meýtus*

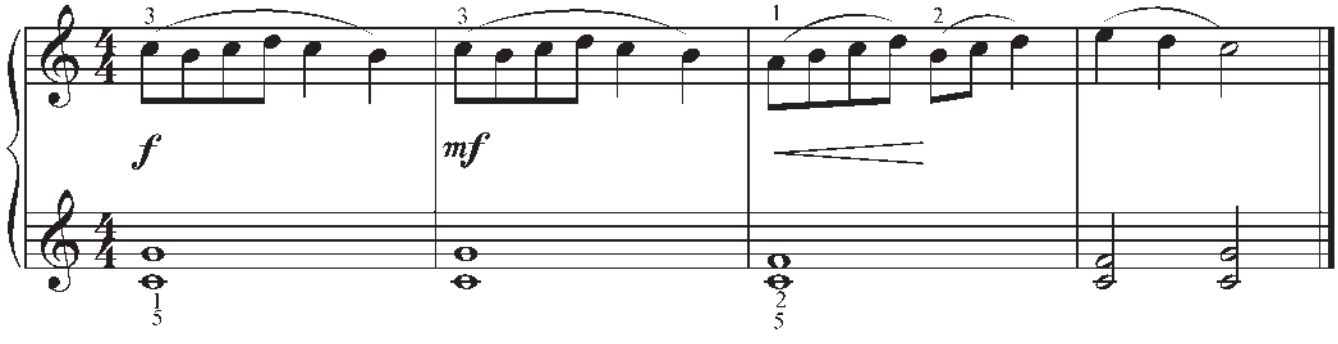





## 103. Ertir mekdebe

*Ç. Nurymow*

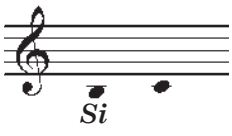
**Aram tizlikde**



# XIII. AŞAKDAKY GOŞMAÇA ÇYZYKLAR

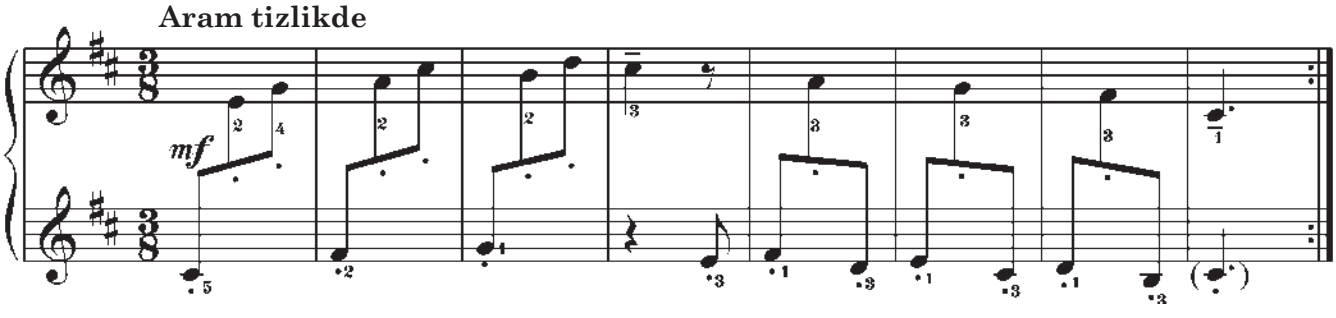
Biziň bilşimiz ýaly, notalar diňe nota düşeginde däl-de, goşmaça çyzyklarda hem ýazylyp bilýär.

Kiçi oktawanyň **Si** notasy aşakdaky birinji goşmaça çyzygyň aşagynda ýazylýar.

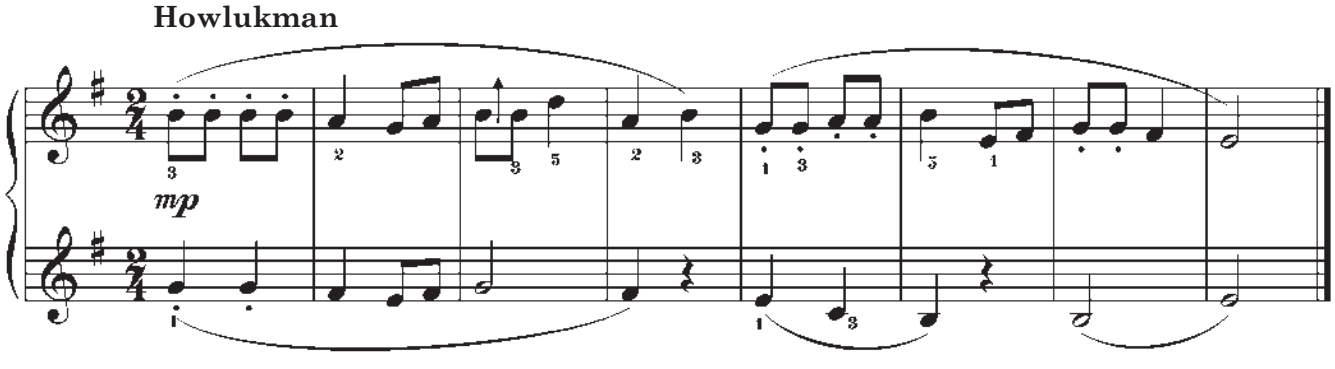



## 104. Etýud

*Ýu. Slonow*

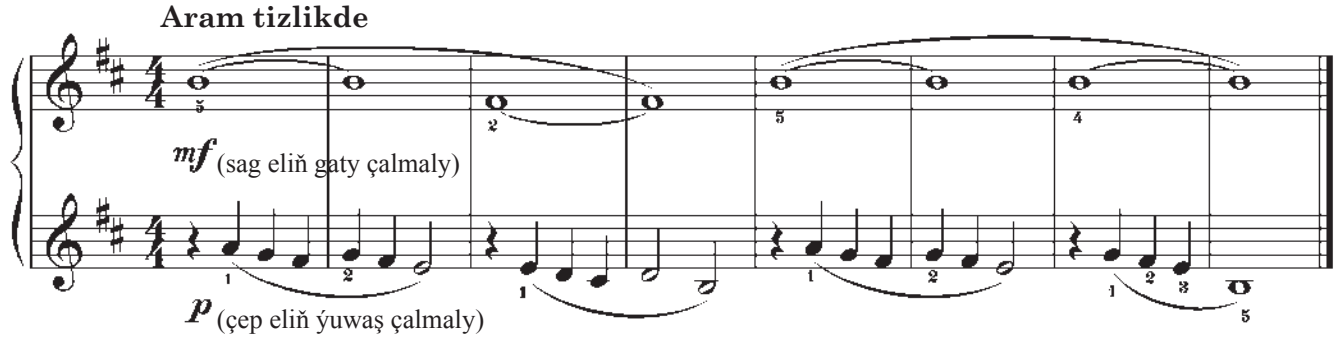



## 105. Rus halk aýdymy




## 106. Gaýgyly aýdym

*Ýu. Abelew*

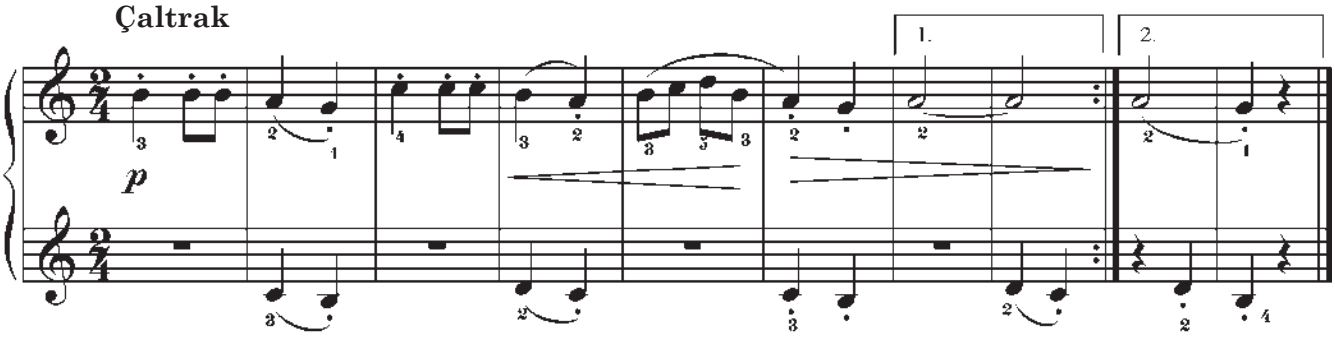


Täze bellik [1 ] [2 ] – muňa (birinji we ikinji) *«wolta»* diýilýär. Gaýtalanyňda birinji woltany geçirip, ikinji *wolta* geçmeli.

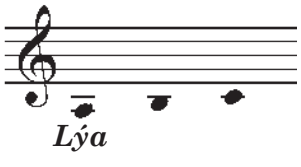
## 107. Çemenjikde

*W. Witlin*

**Çaltrak**



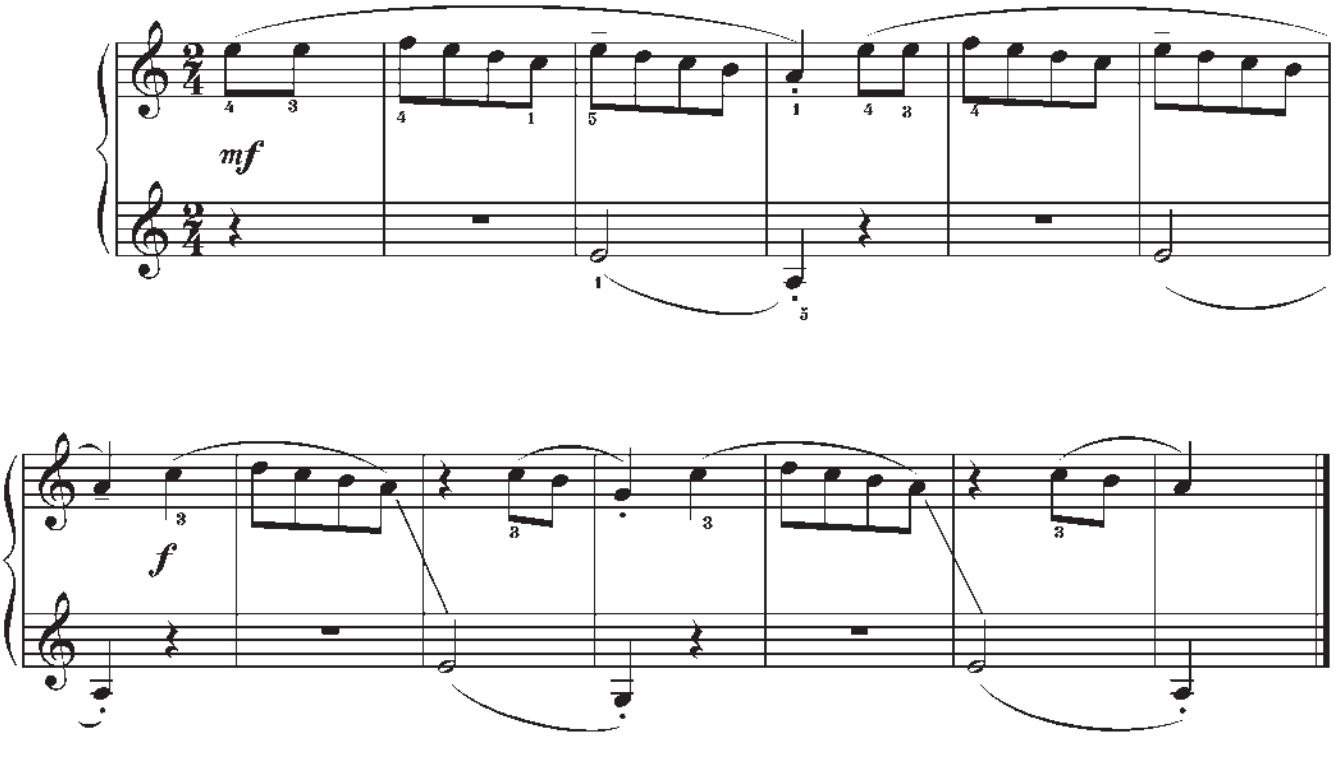

Kiçi oktawanyň **Lýa** notasy aşakdaky ikinji goşmaça çyzykda ýazylýar.




## 108. Sygyrjyk

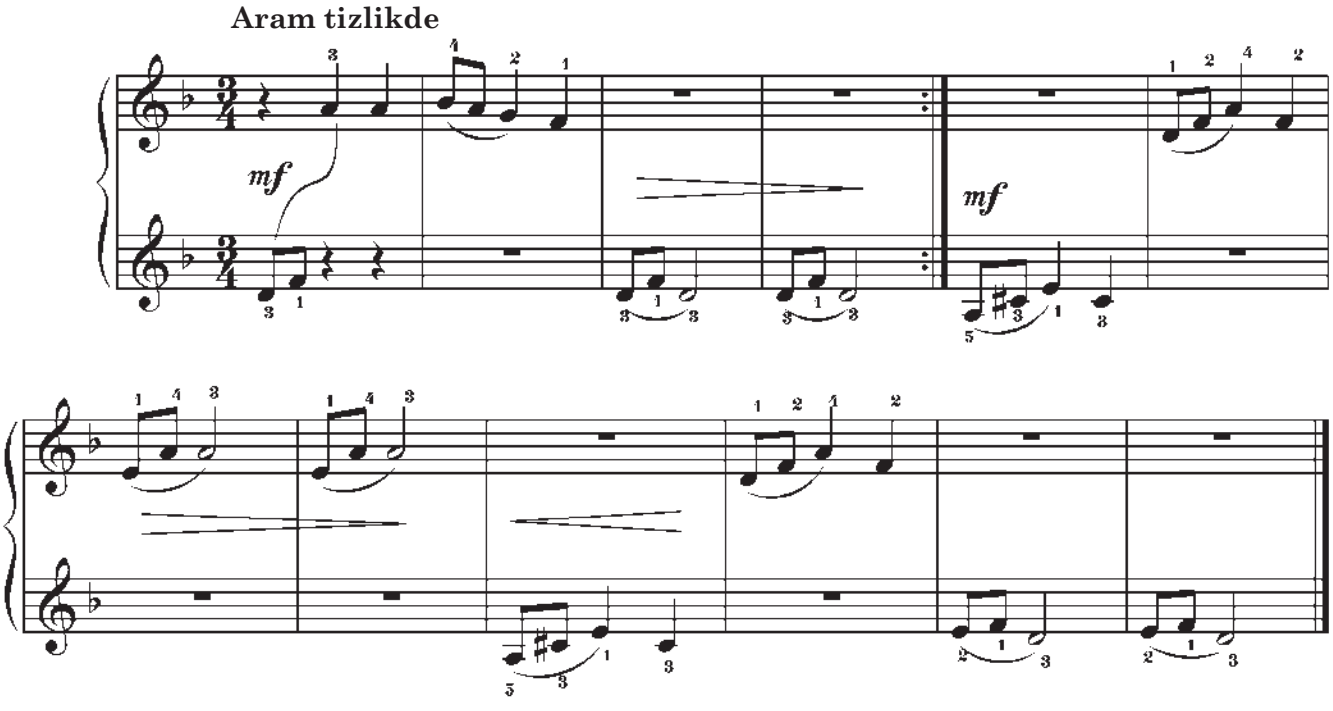
(*Rus halk aýdymy*)

**Howlukman**



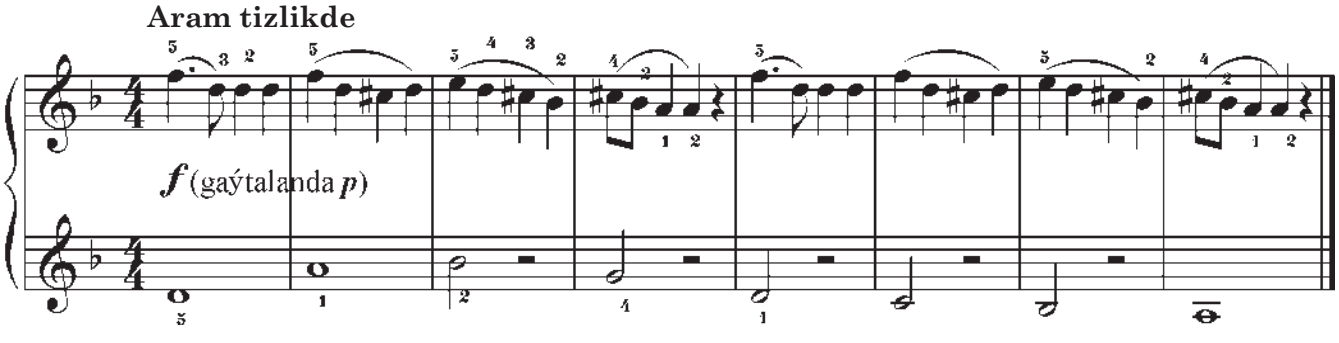
## 109. Wilsa

(*Polýak halk aýdymy*)



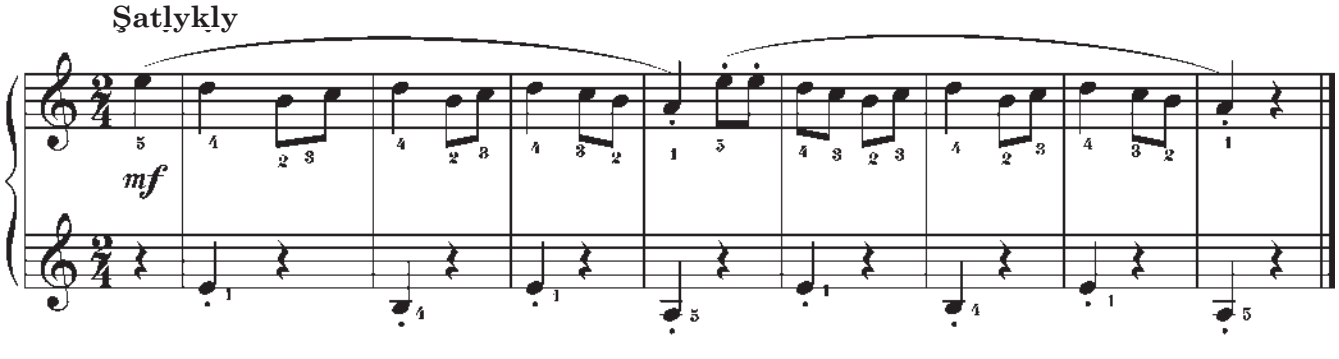

## 110. Gije

(*Ermeni aýdymy*)




## 111. Kalinka

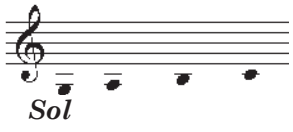
(*Rus halk aýdymy*)



## 112. Rus aýdymy

Howlukman

Kiçi oktawanyň **Sol** notasy aşakdaky ikinji goşmaça çyzygyň aşagynda ýazylýar.




## 113. Mamamlarda ýaşaýan iki gyz

(*Ukrain halk aýdymy*)

Çalt

## 114. Rus halk aýdymy

Şatlykly

## 115. Kartoşka

(*Çagalar aýdymy*)

Täzeden işlän *Powžitkow*

Çalt

I

II

*mf*

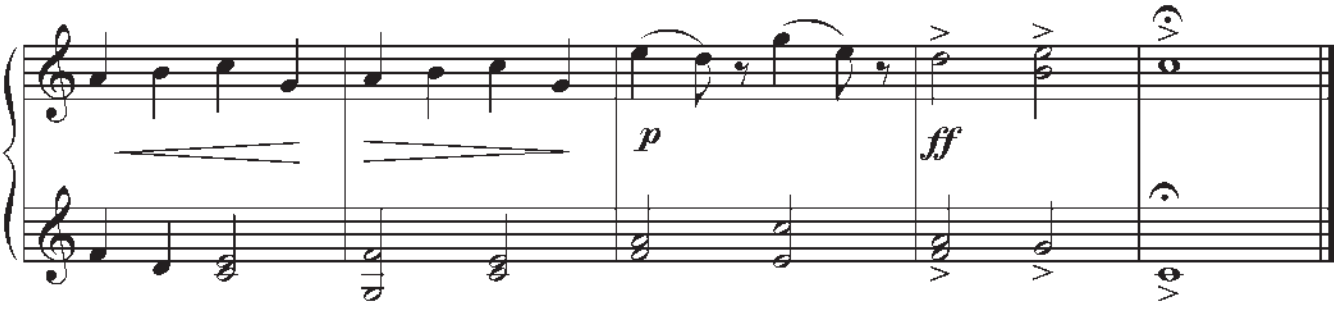
*f*

## 116. Tomus ýagşy

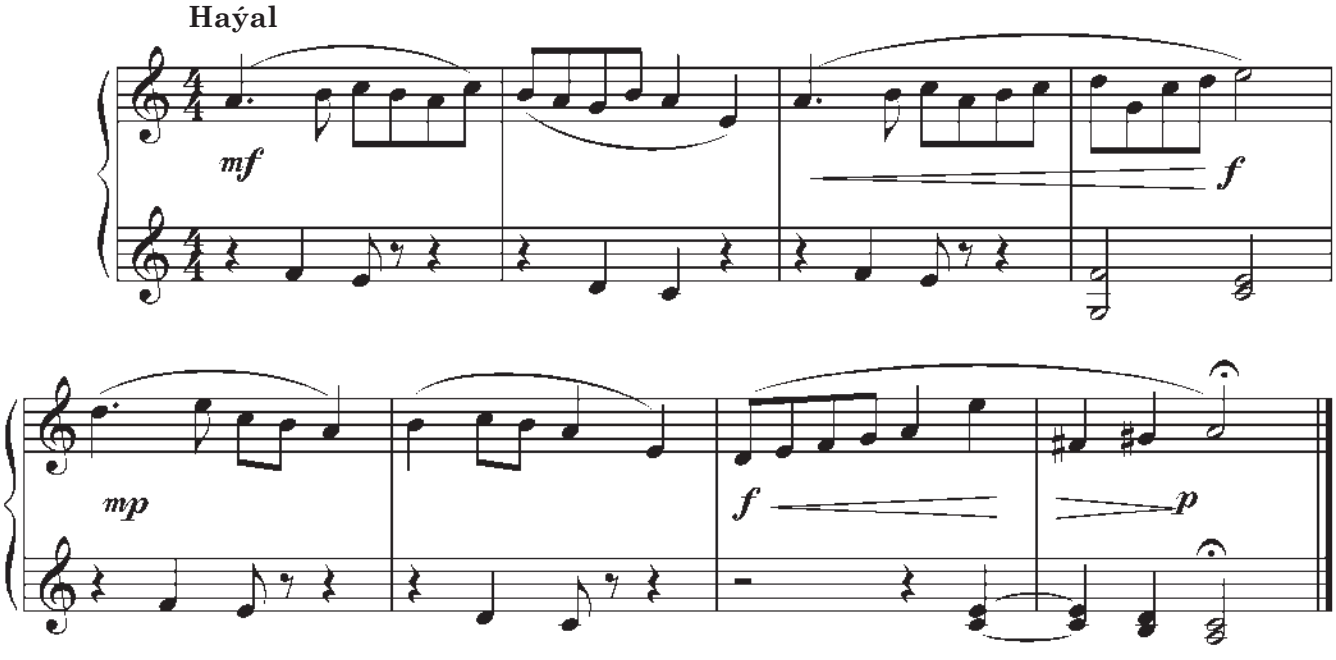
*B. Terentýew*

Mylaýym

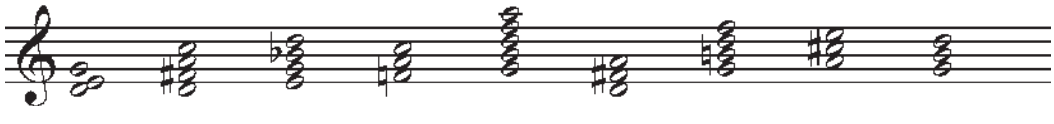
*ff*




## 117. Aýdym

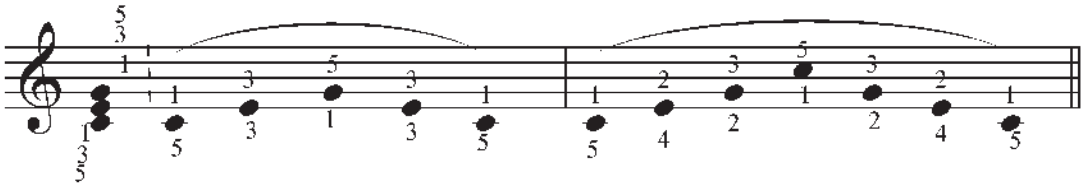



Üç, ýa-da ondan hem köp sesleriň şol bir wagtda çalynmagyna sazlaşyk (akkord) diýilýär.

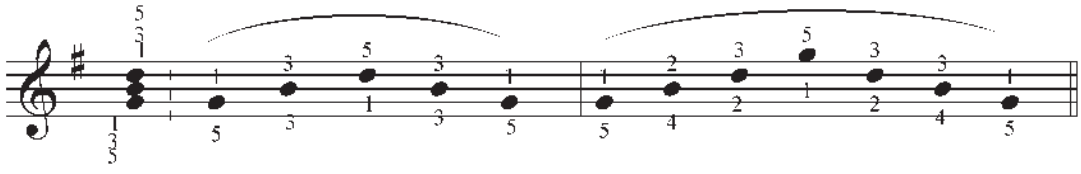


Sazlaşygyň (akkordyň) seslerini bile däl-de, aýry-aýry gezekleşdirip, bir-biriniň yzyndan çalsak, onda oňa «arpejio» diýilýär. Meselem, birinji sag el, soňra çep el bilen çalyp göreliň.

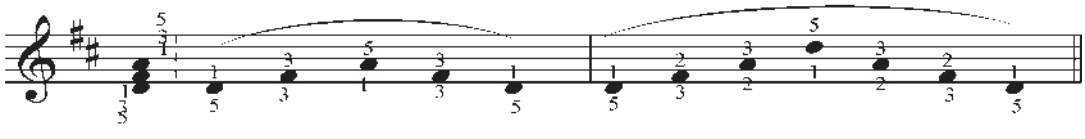
**Do mažor**



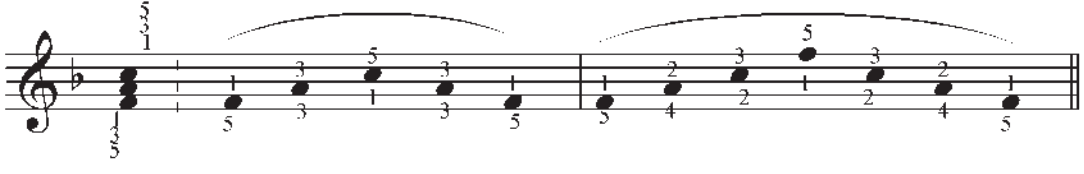
**Sol mažor**



**Re mažor**

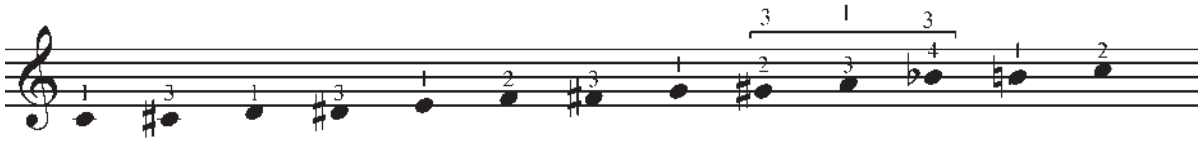


**Fa mažor**

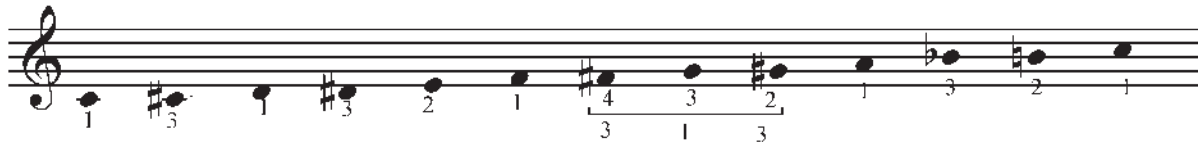


Ýarym tondan düzülen ses hataryna *hromatik ses hatary* diýilýär.

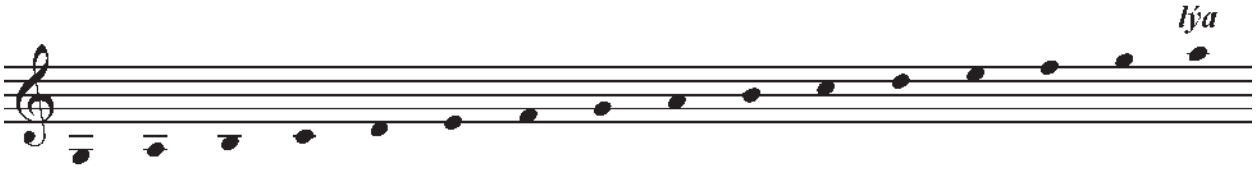
*Sag el*



*Çep el*



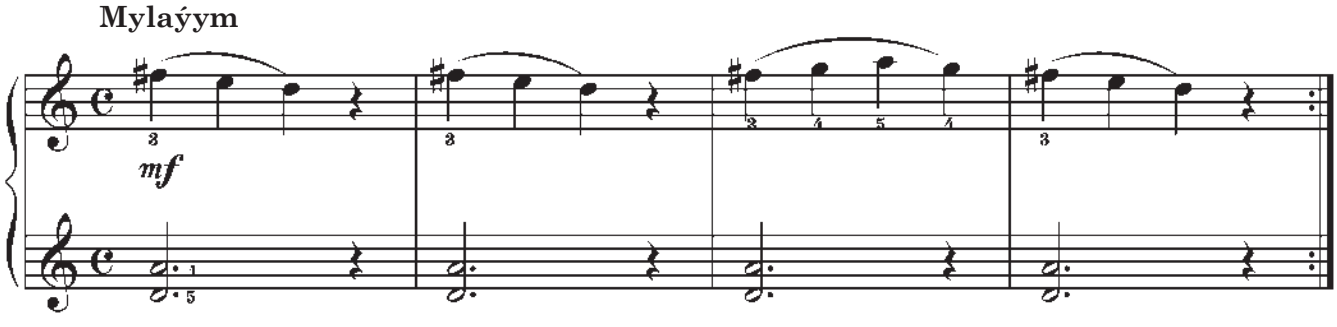
# XIV. ÝOKARDAKY GOŞMAÇA ÇYZYKLAR




II oktawanyň ***Lýa*** notasy ýokardaky birinji goşmaça çyzygyň üstünde ýazylýar.

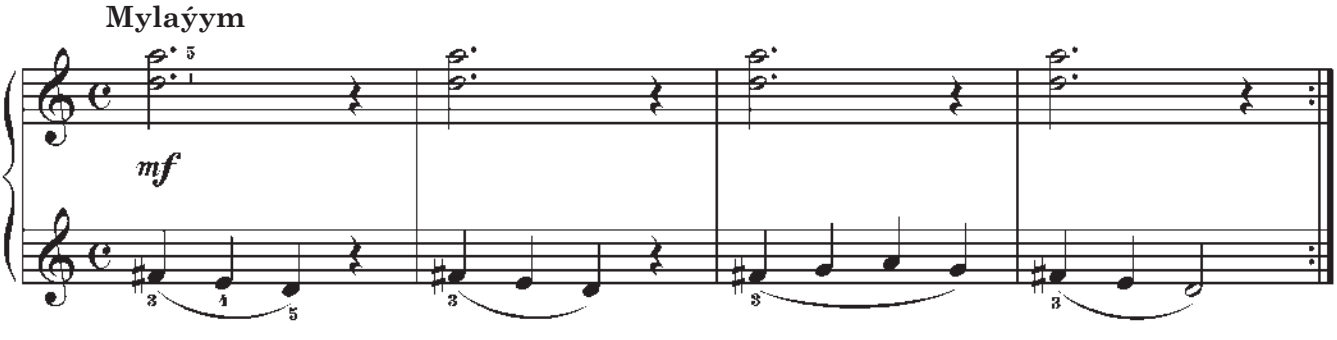
## 118. Etýud

*Ý. Gnesina*



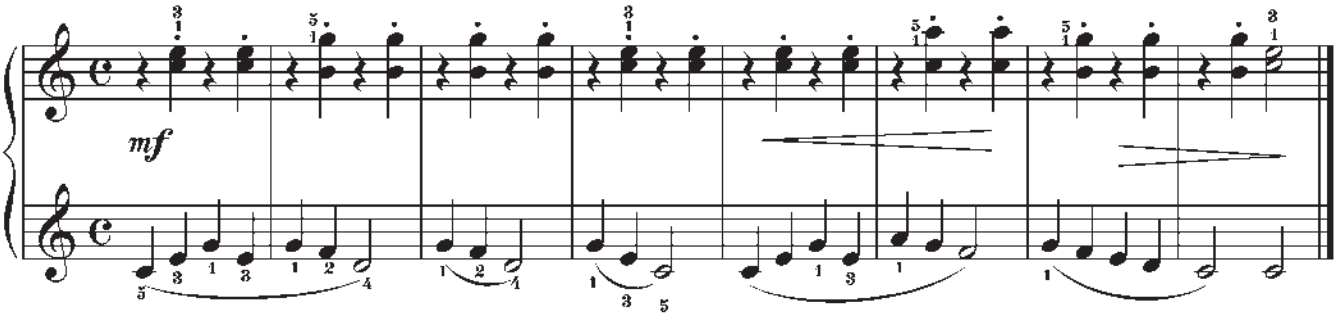

## 119. Etýud

*Ý. Gnesina*




## 120. Polka

*D. Kabalewskiý*



## 121. Ukrain halk aýdymy

Mylaýym

*p* *legato*

*f*

*p*

## 122. Kirpi

*D. Kabalewskiý*

Howlukman

*mf*

*p*

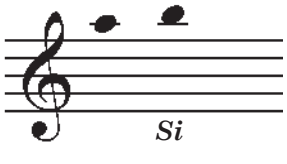
*mf*

# 123. Wals

*D. Nuryýew*

**Aram tizlikde**

II oktawanyň **Si** notasy ýokardaky 1-nji goşmaça çyzygyň üstünde ýazylýar.



# 124. Tansa çagyryş

*K. M. Weber*

**Wals depgininde**

II

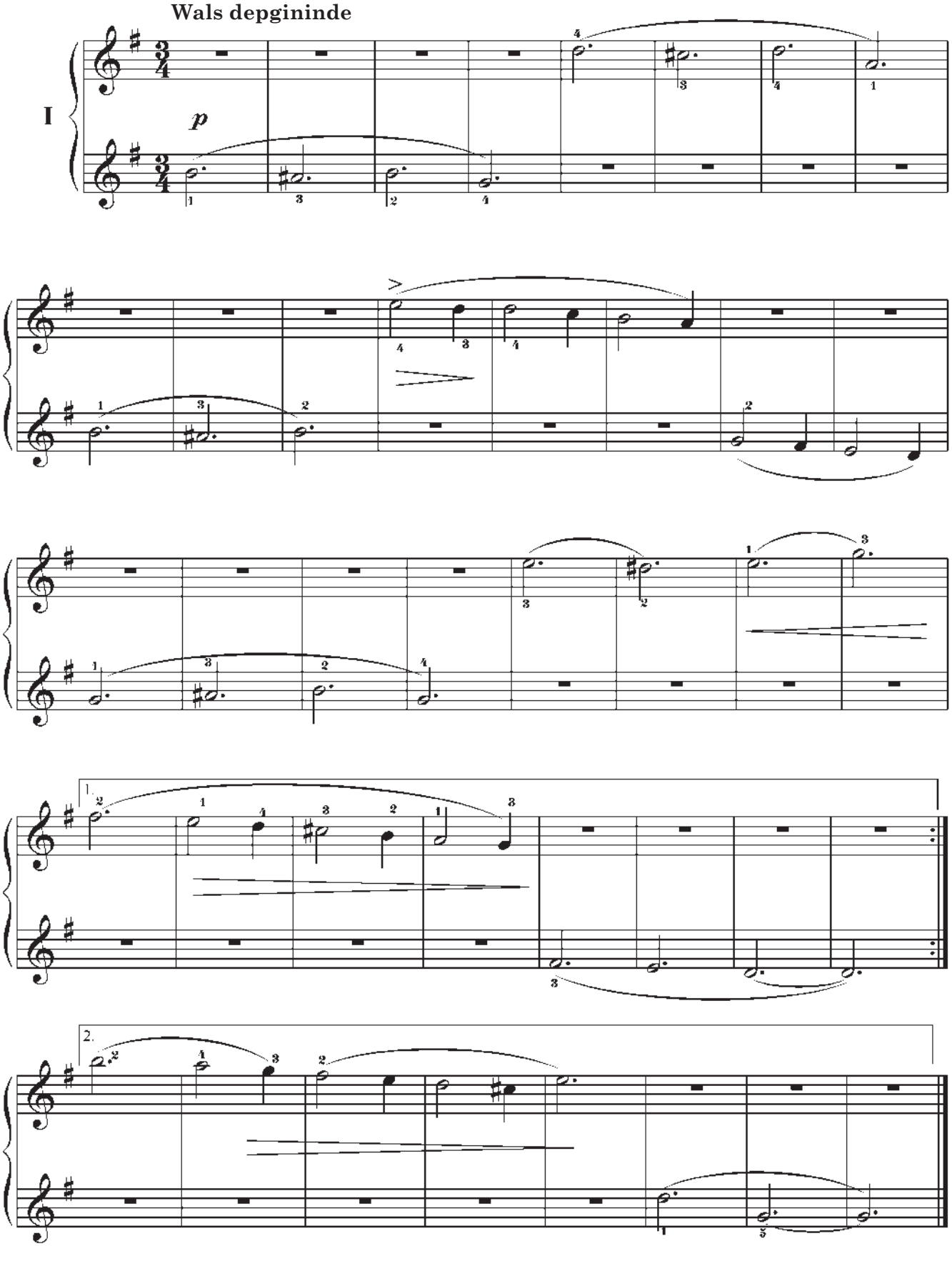
*pp*

1.

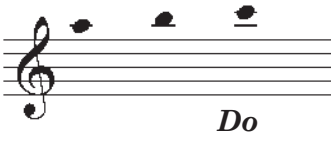
2.

# 124. Tansa çagyryş

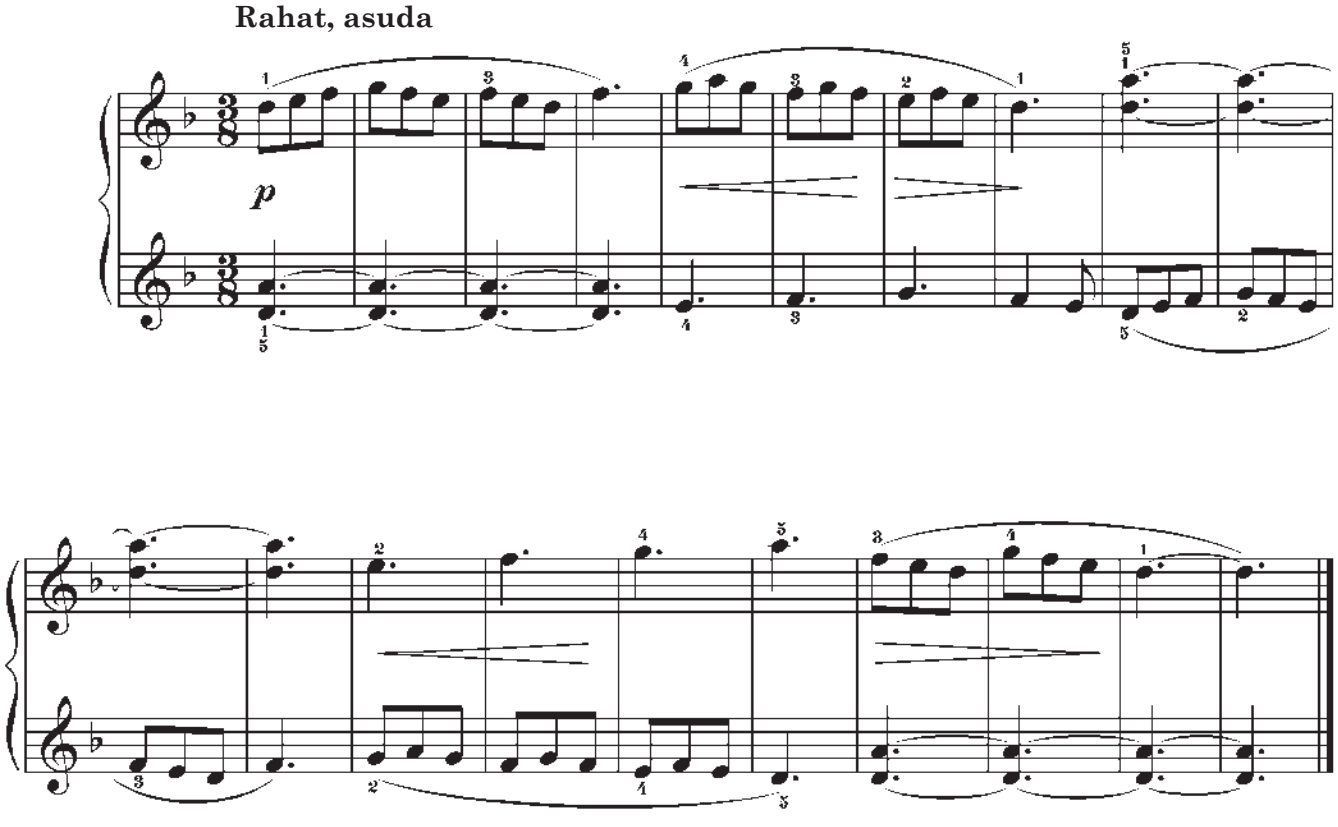
*K. M. Weber*



III oktawanyň **Do** notasy ýokardaky ikinji goşmaça çyzykda ýazylýar.

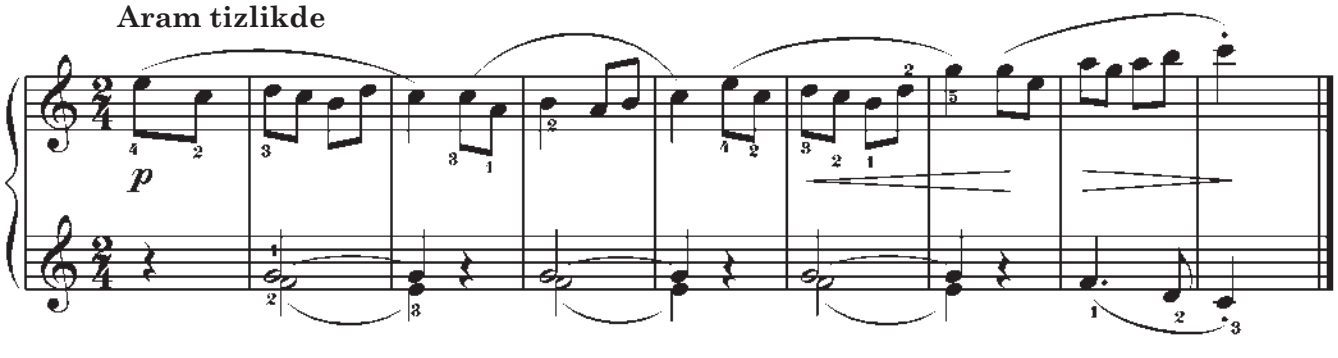



## 125. Gündogar heňi




## 126. Aýdym

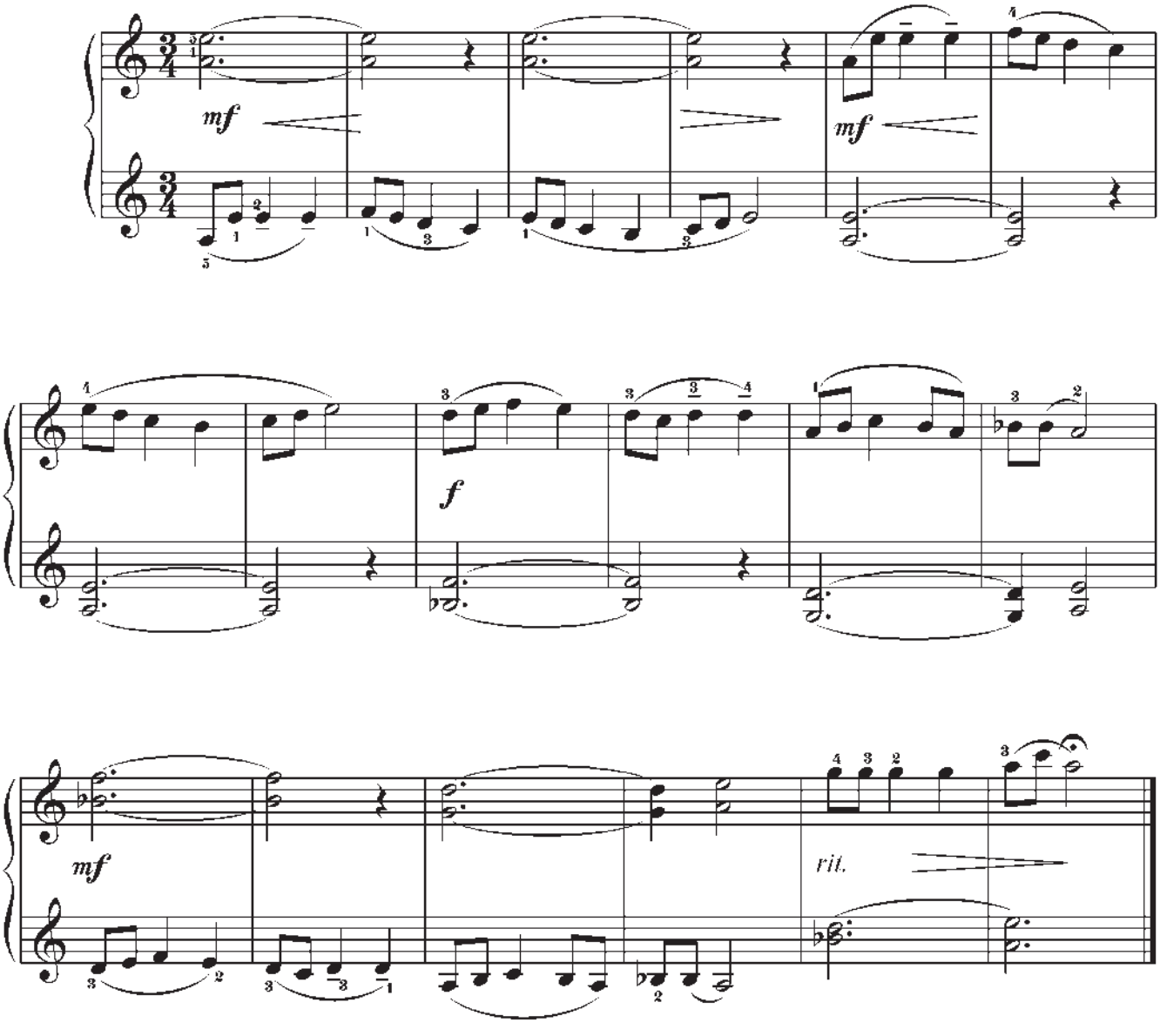
*W. Wolkow*



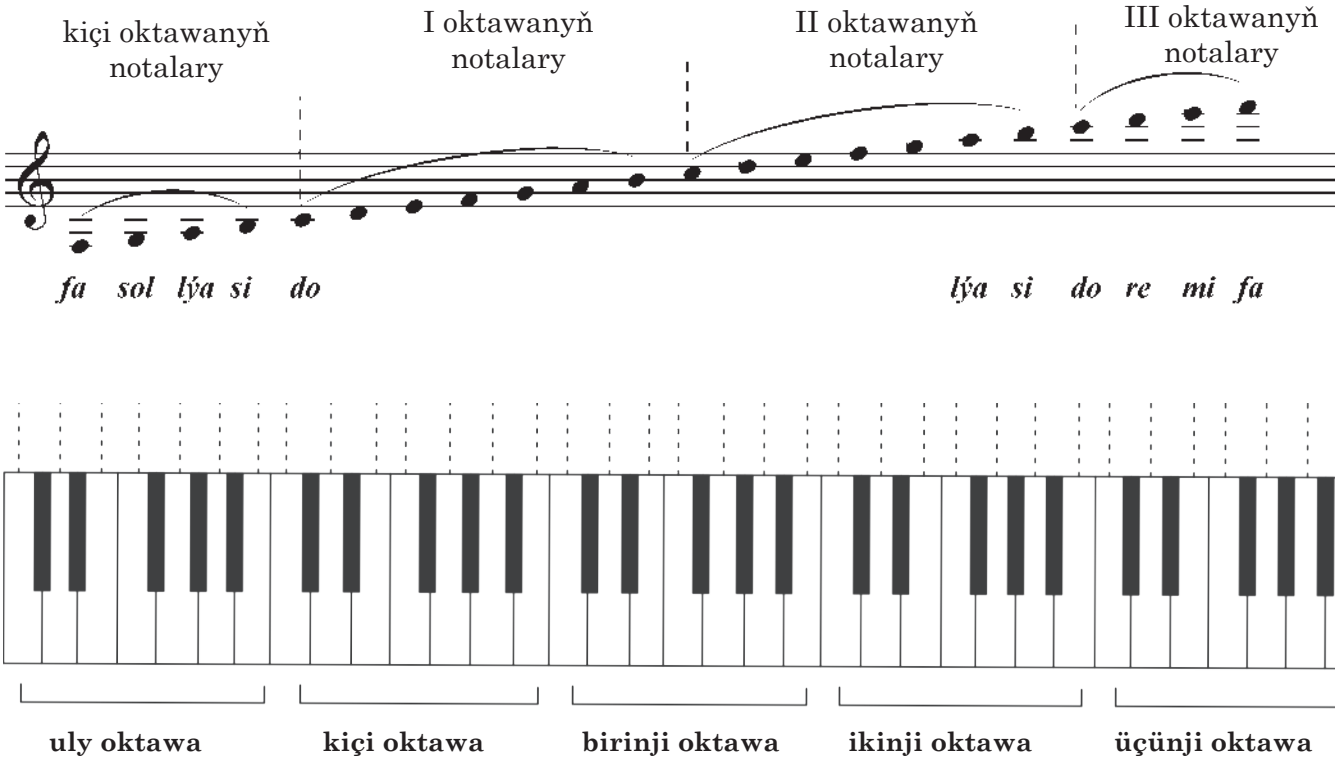
# 127. Oýlanma

*Ç. Nurymow*

**Haýal**

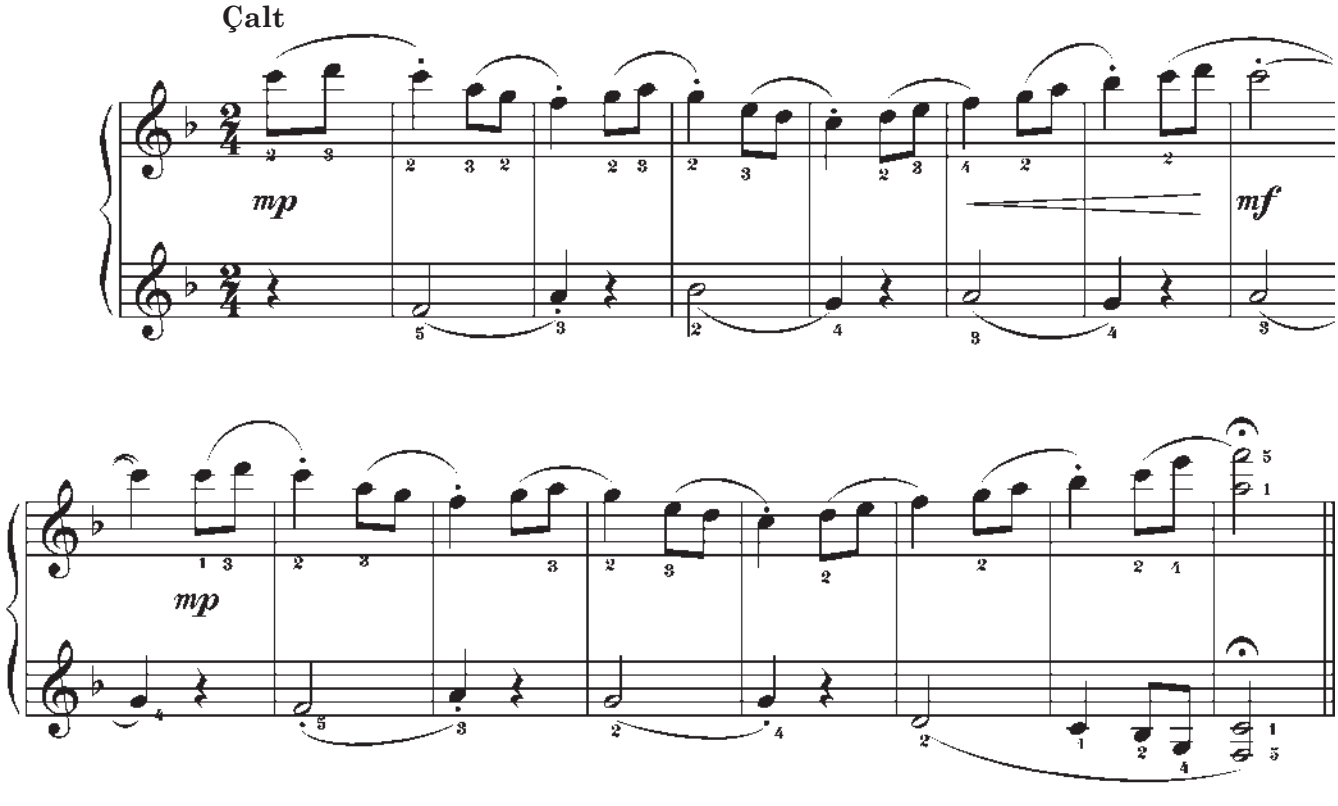


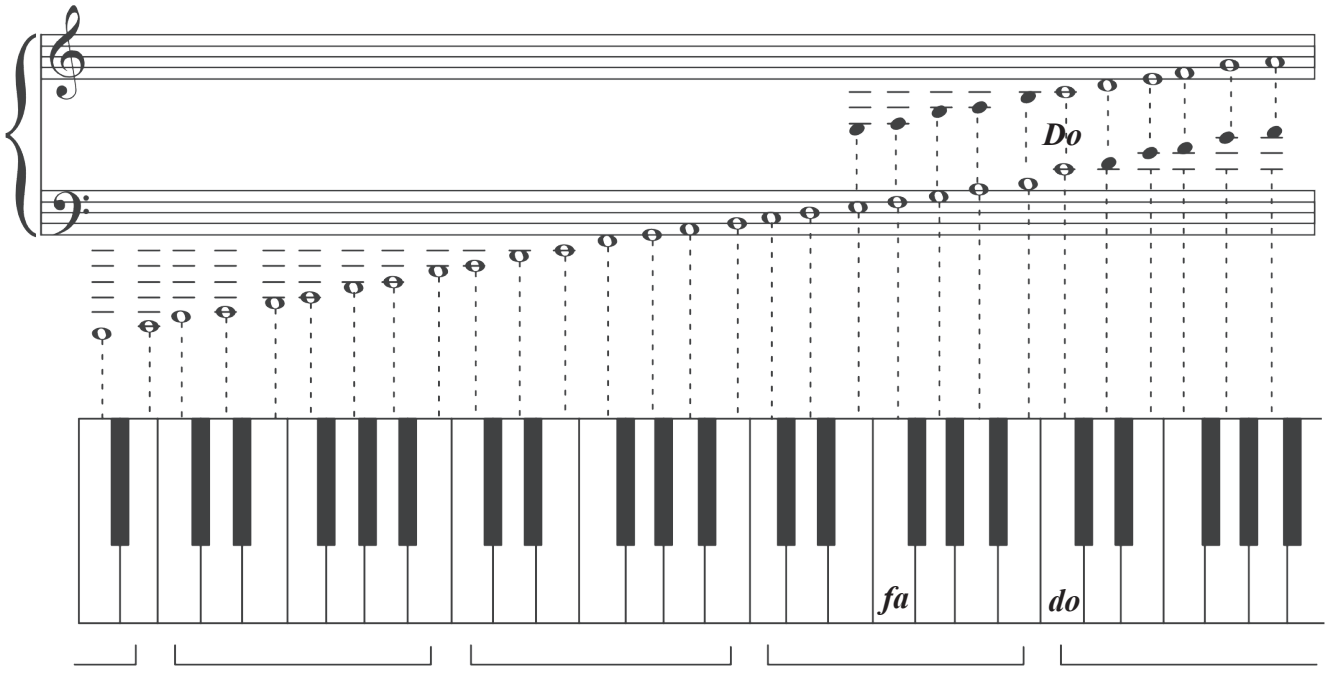
Goşmaça çyzyklarda ýazylan notalary nota düşeginde we klawiaturada gözden geçireliň.




## 128. Şadyýan oýun

*W. Witlin*

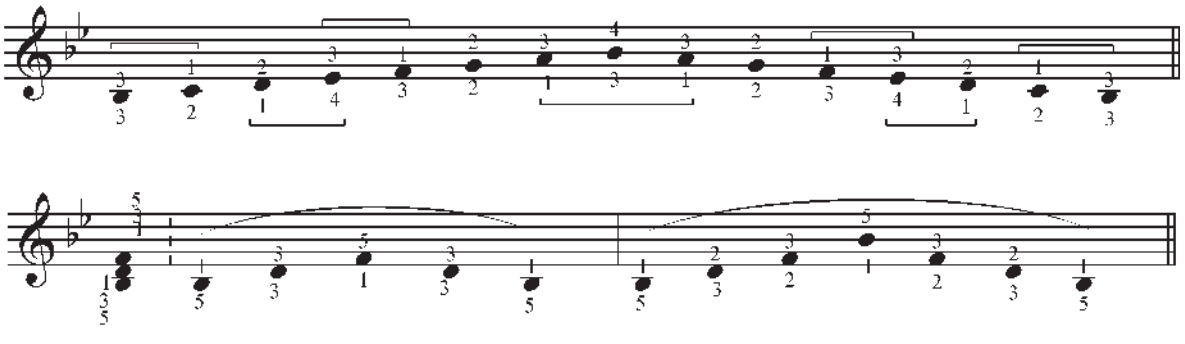


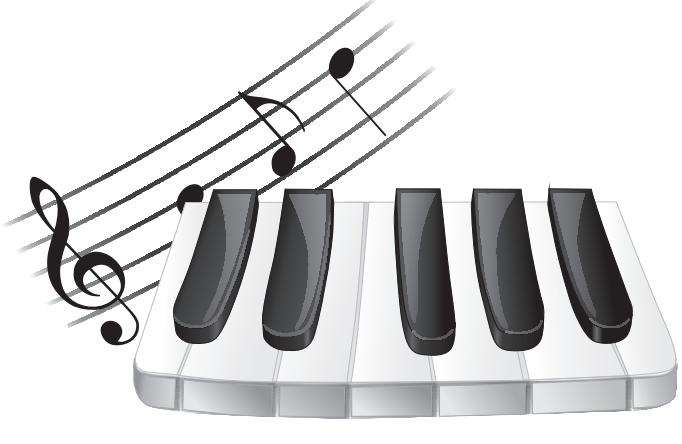



**sub kontr oktawa** | **kontroktawa** | **uly oktawa** | **kiçi oktawa** | **birinji oktawa**

Täze *bemol belgili* **Si bemol mažor** ses hataryny gözden geçireliň. Bu ses hatarynda iki bemol belgi bar – ***si*** *bemol* we ***mi*** *bemol*.

## Si bemol mažor





# 129. Wals

*P. Çaýkowskiý*

**Wals depgininde**

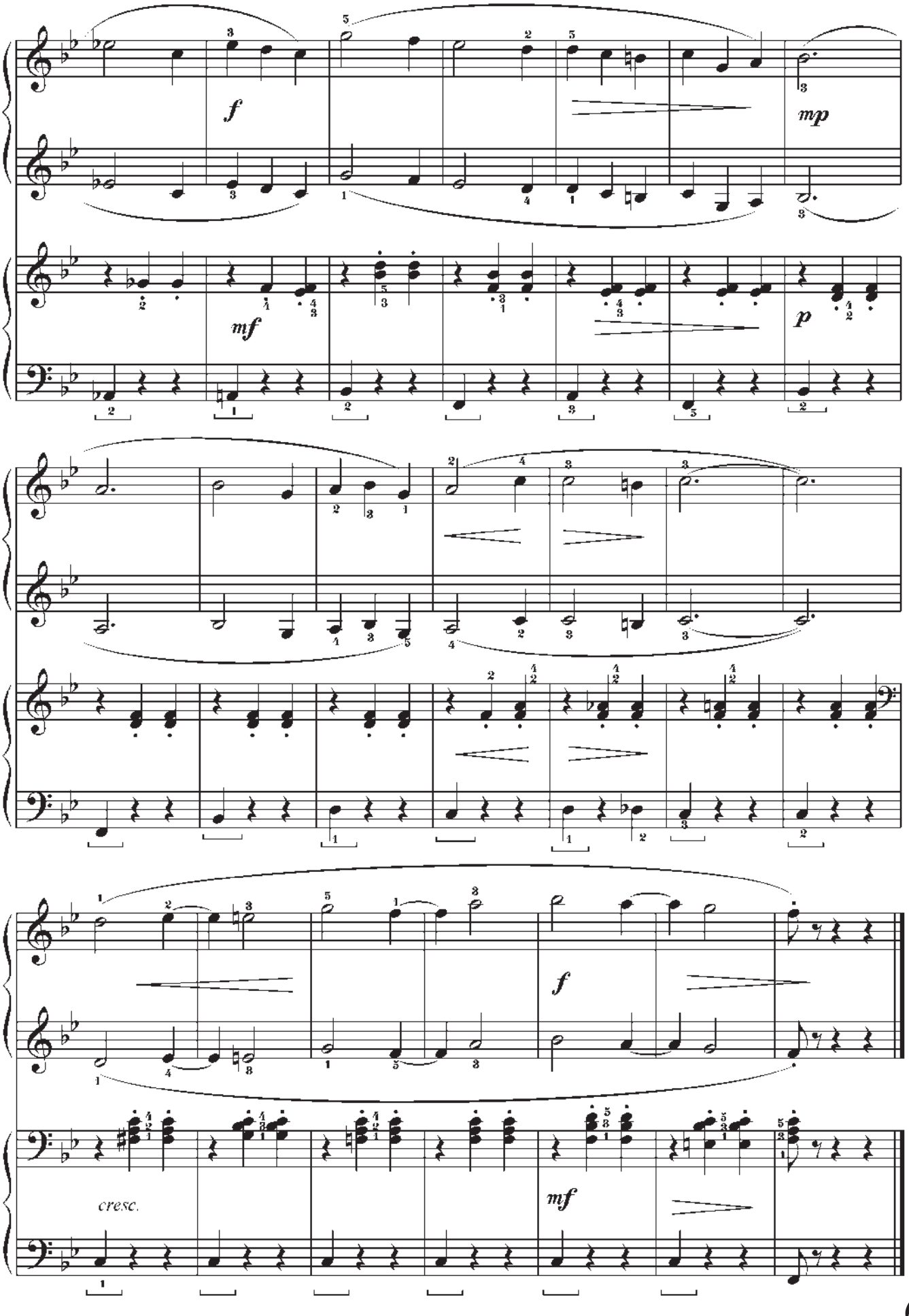
I

II

*mp*

*p*

*cresc.*


f
mp
mf
p
f
cresc.
mf

# 130. Ýatlama

*Ç. Nurymow*

**Howlukman**

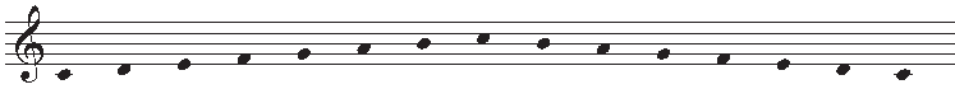
Mažor ses hatary şatlykly, janly, açyk, ýagty häsiýetli bolýar.

Mažor ses hataryna ýanaşyk minor ses hatary hem bar. Minor ses hatarynyň häsiýeti gaýgyly bolýar.

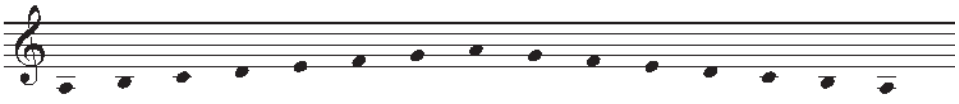
Her mažor ses hatarynyň ýanaşyk minor ses hatary hem bar. Olaryň açar belgileri hem meňzeş bolýar.

## Meselem:

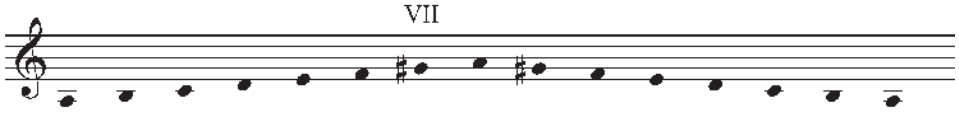
### Do mažor



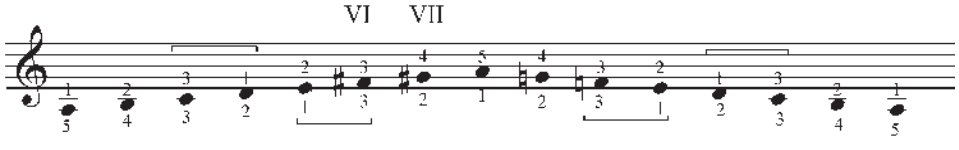
### Lýa minor



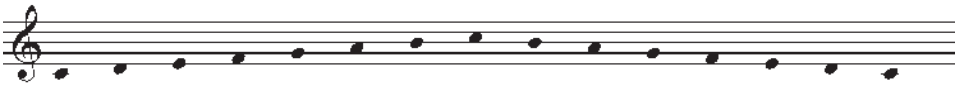
### Lýa minoryň garmoniki düzülişi



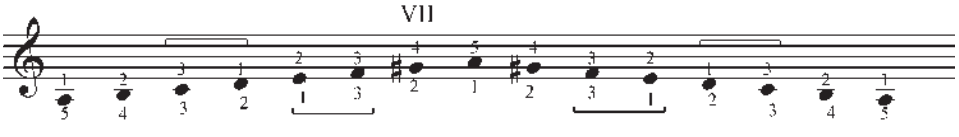

### Lýa minoryň melodiki düzülişi



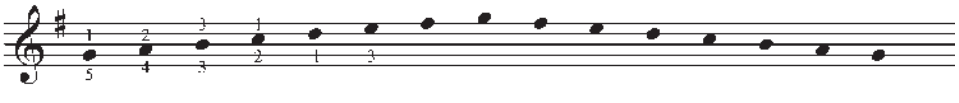

### Do mažor



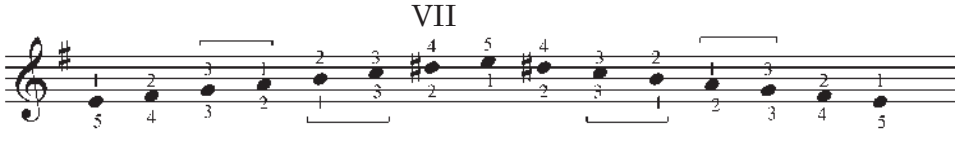
### Lýa minoryň garmoniki düzülişi



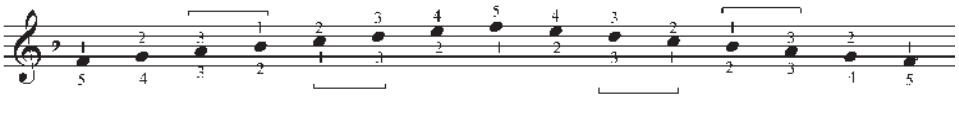

### Sol mažor



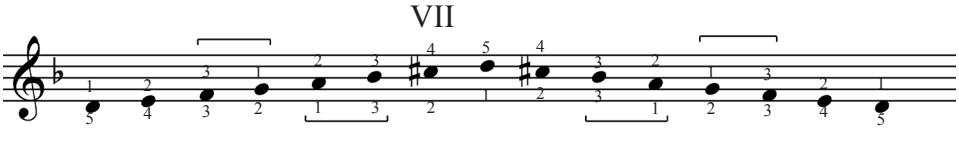
### Mi minoryň garmoniki düzülişi




### Fa mažor

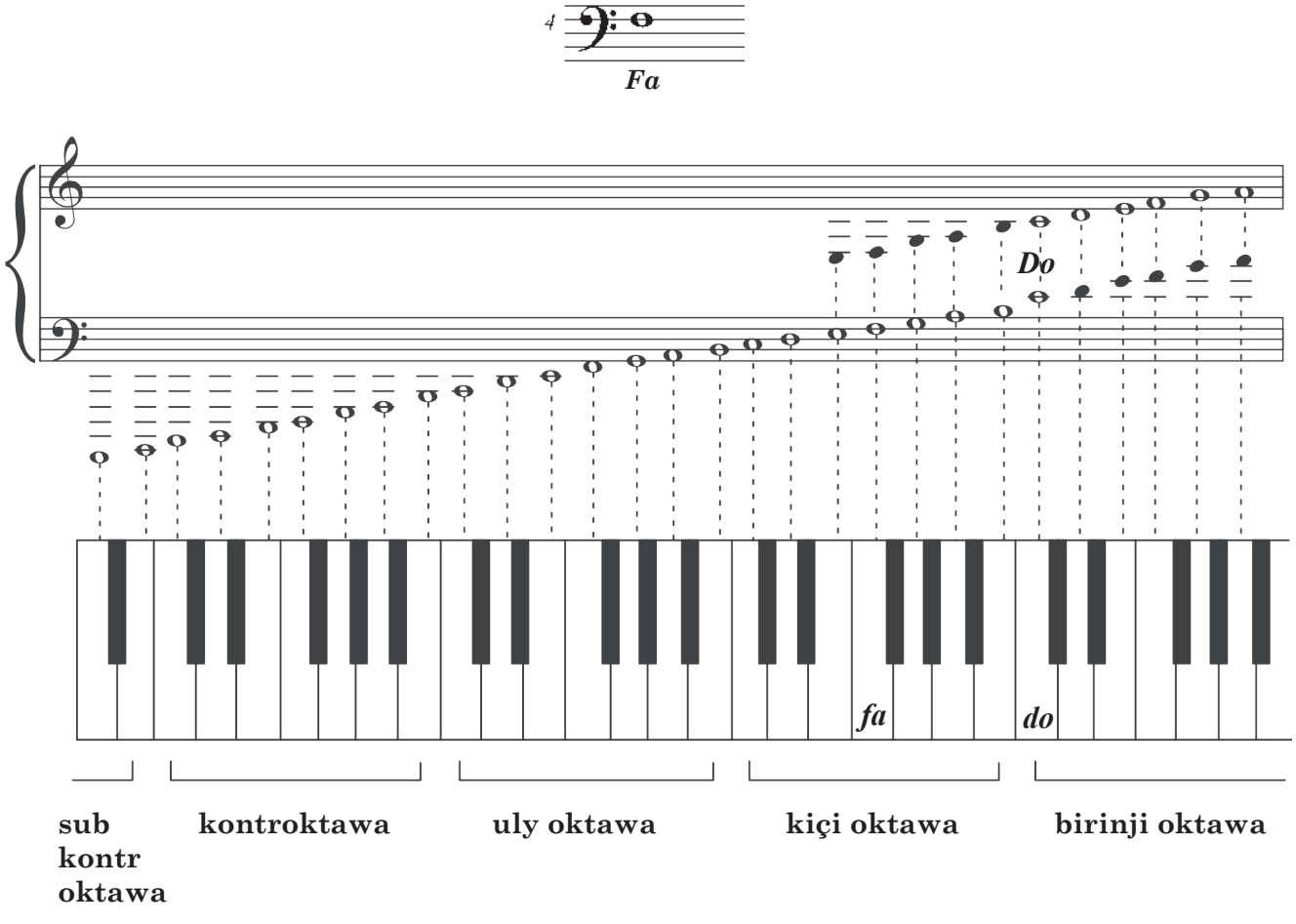


### Re minoryň garmoniki düzülişi



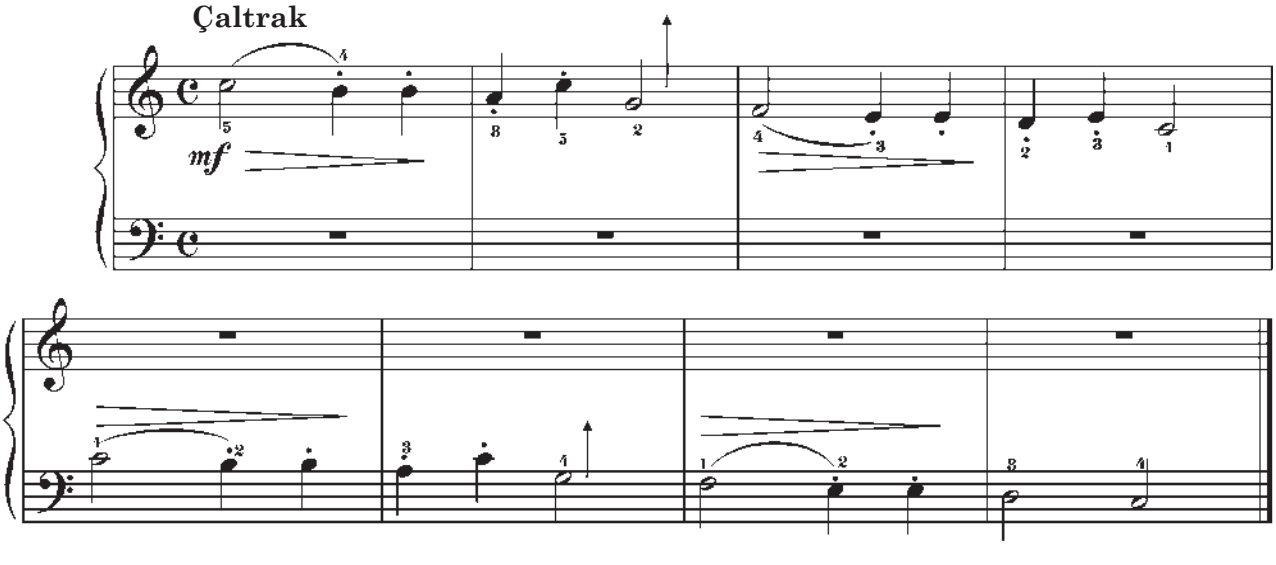
# XV. BAS AÇARY

Bas açaryna ***Fa*** açary hem diýilýär, sebäbi kiçi oktawanyň ***fa*** notasy ýaly 4-nji çyzykda ýazylýar.




## 131. Etýud

*Ý. Gnesina*



## 132. Ukrain halk aýdymy

Çaltrak

*f* *p* *f* *p* *f* *p* *rit.*

## 133. Gürrüň

*W. Witlin*

Howlukman

*mf* *p*

## 134. Heň

*W. Witlin*

Aram tizlikde

*p* *p*

## 135. Heň

Şatlykly

*mf*

## 136. Ah, meniň çatmajygym, çatmajygym

(*Rus halk aýdymy*)

Çaltrak

*f*

*mf*

*Sol Si Re Fa Lýa Fa Lýa Do Mi Sol Si*

## 137. Meýdandaky berýoza

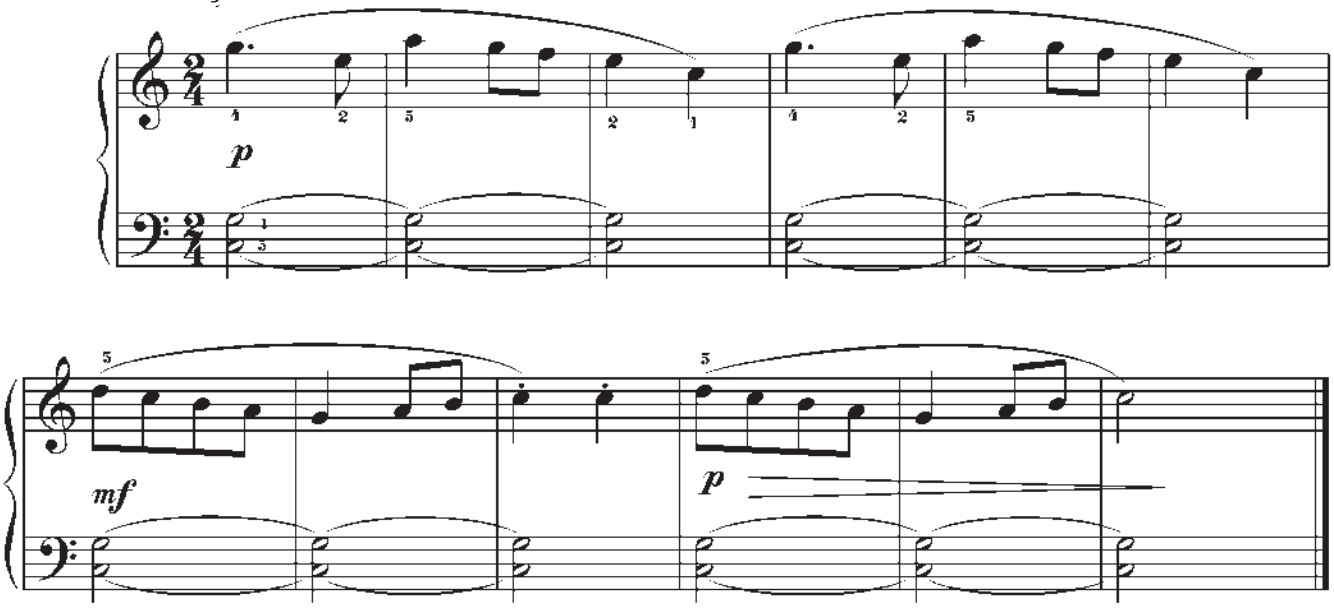
(*Rus halk aýdymy*)

Howlukman

*p*

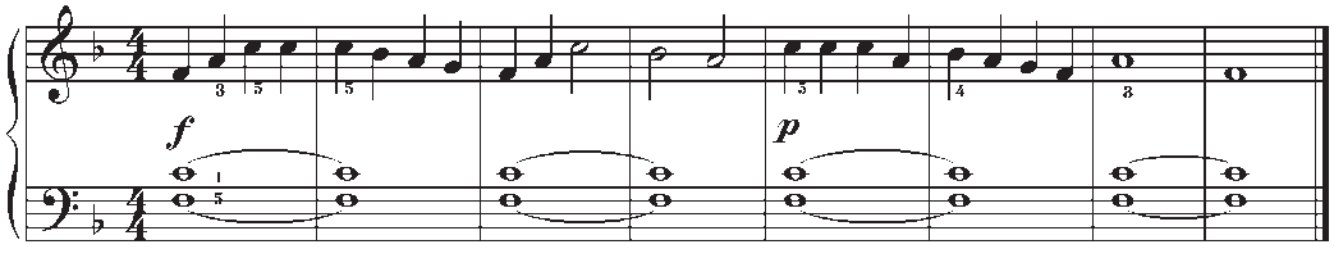
## 138. Rus aýdymy

Çaltrak




## 139. Latyş aýdymy

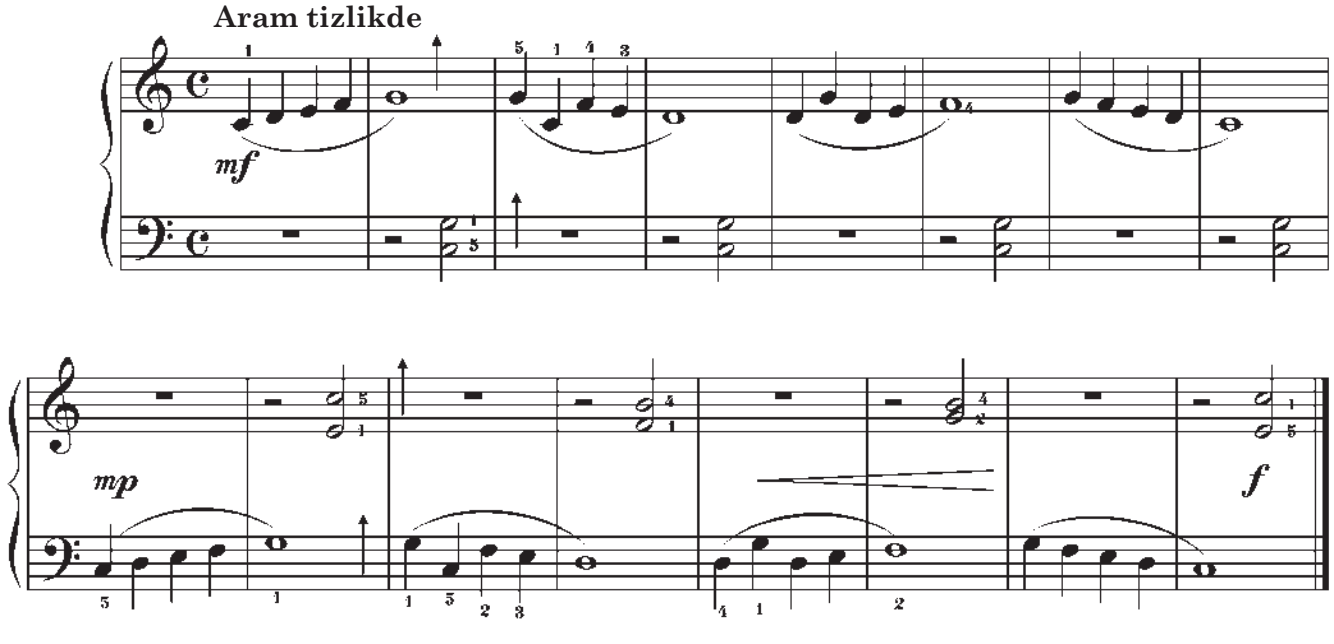
Aram tizlikde




## 140. Etýud

*Ý. Çernýawskaýa*

Aram tizlikde



## 141. Etýud

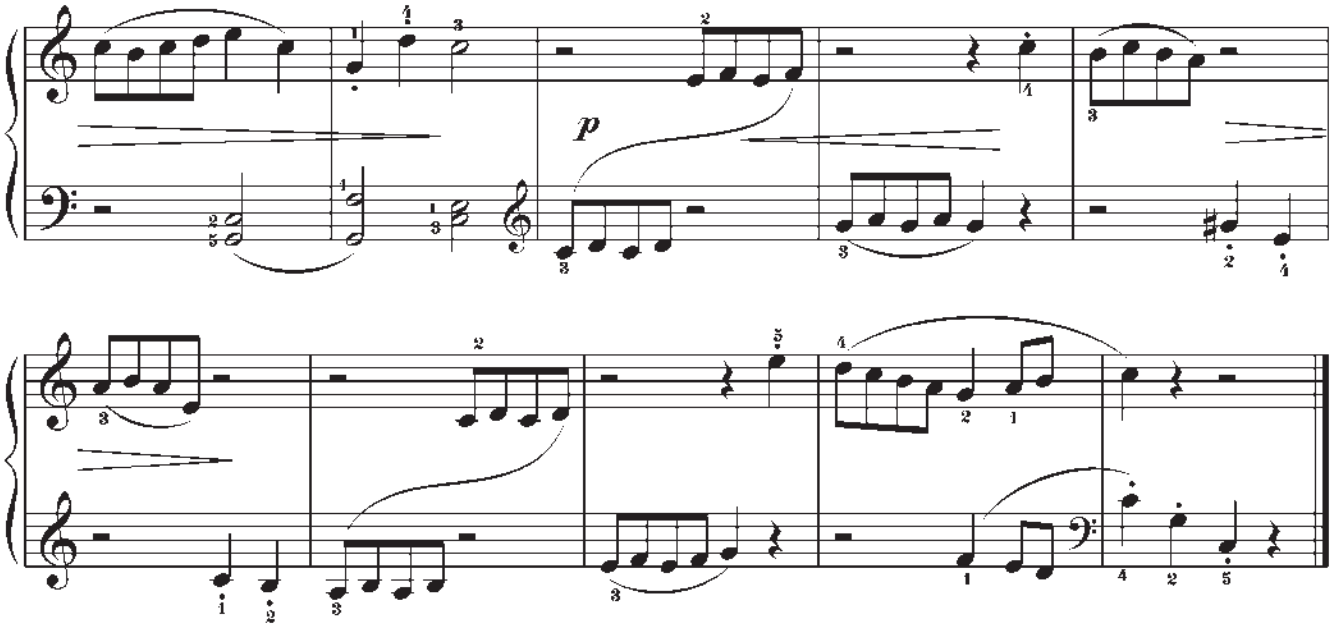
*D. Lewidowa*

Çalt

## 142. Etýud

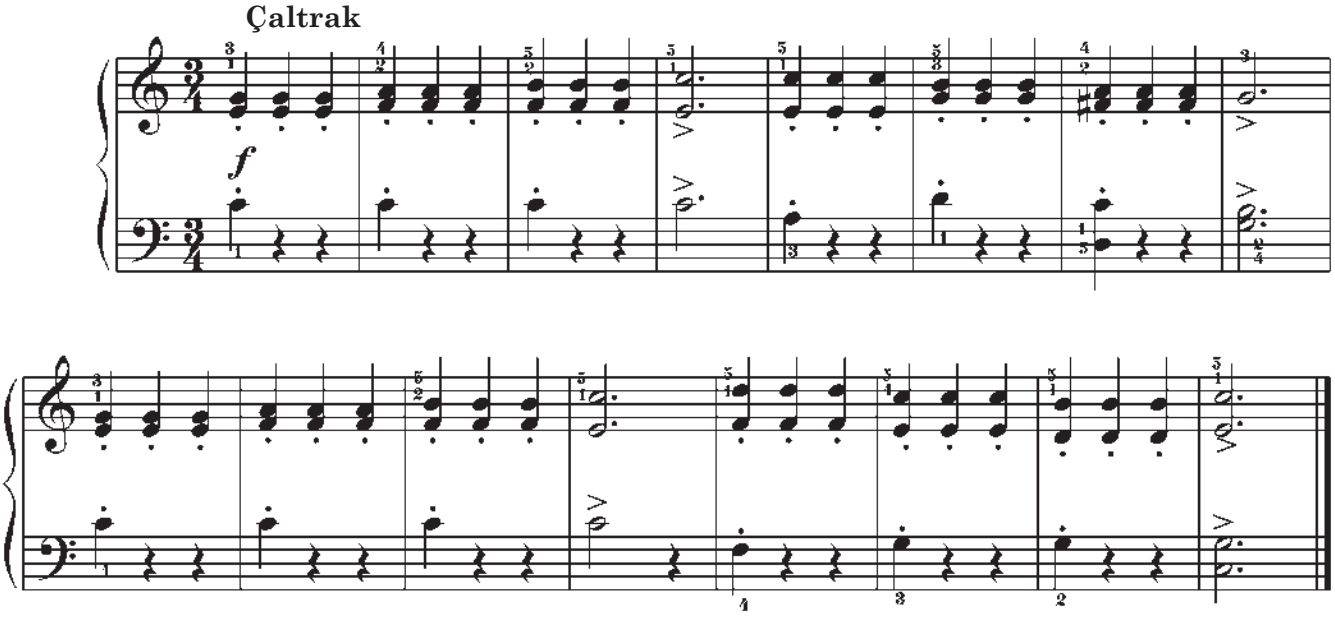
*A. Nikolaýew*

Çalt



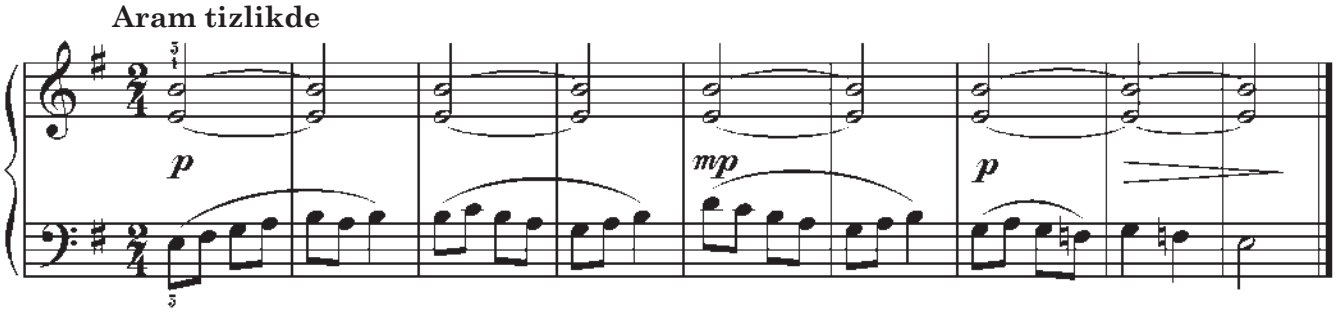

## 143. Etýud

*L. Şitte*




## 144. Pýesa

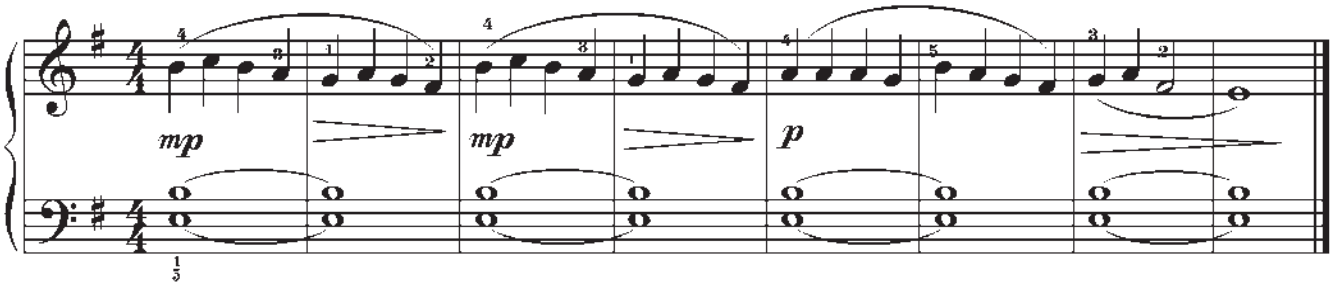
*Ç. Nurymow*



## 145. Pýesa

*Ç. Nurymow*

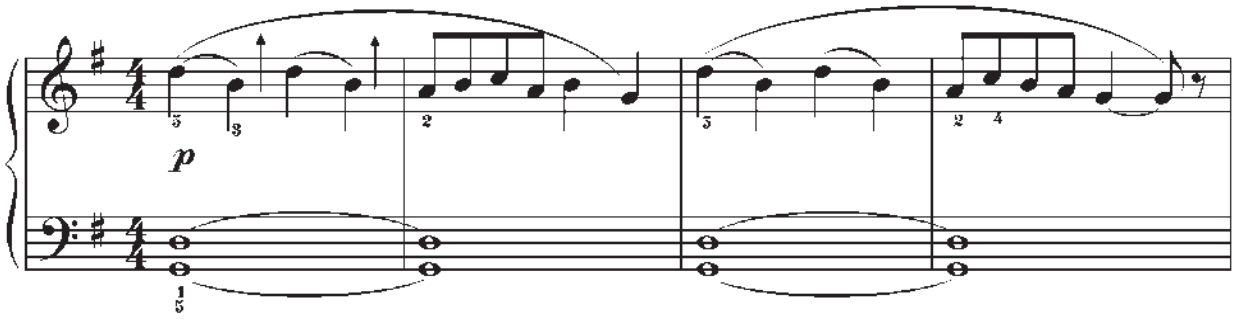
**Aram tizlikde**

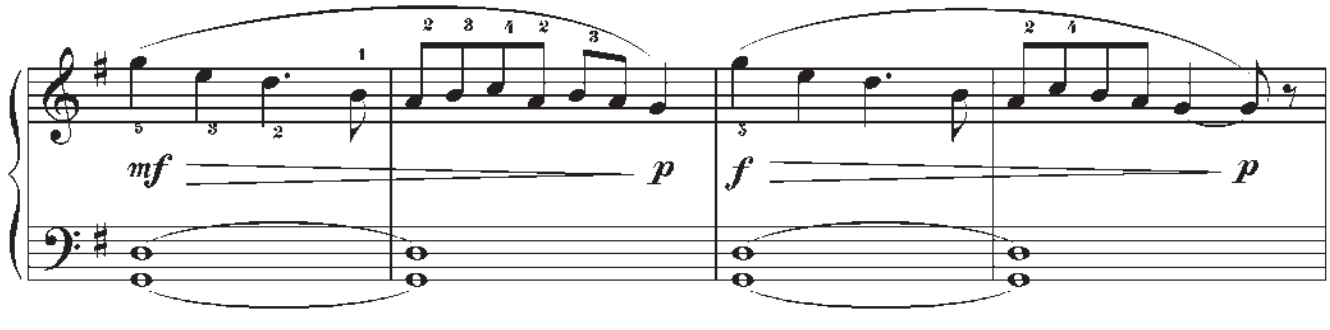


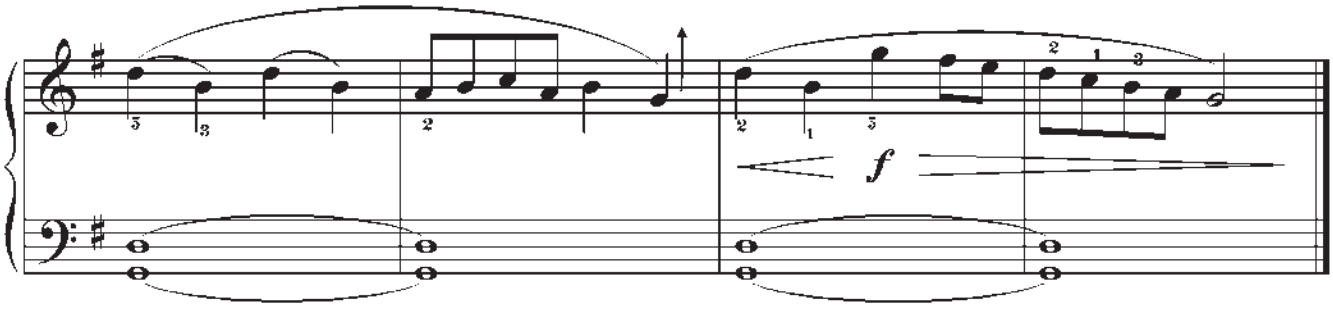

## 146. Hüwdi

*I. Filipp*

**Mylaýym, haýal**

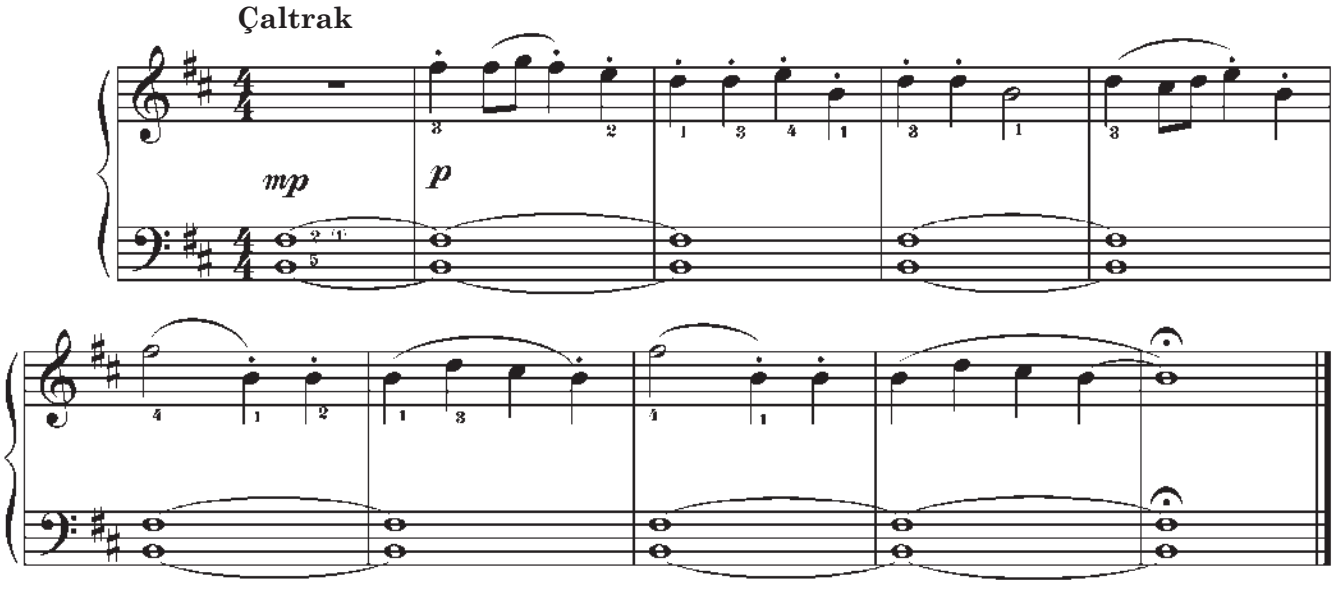


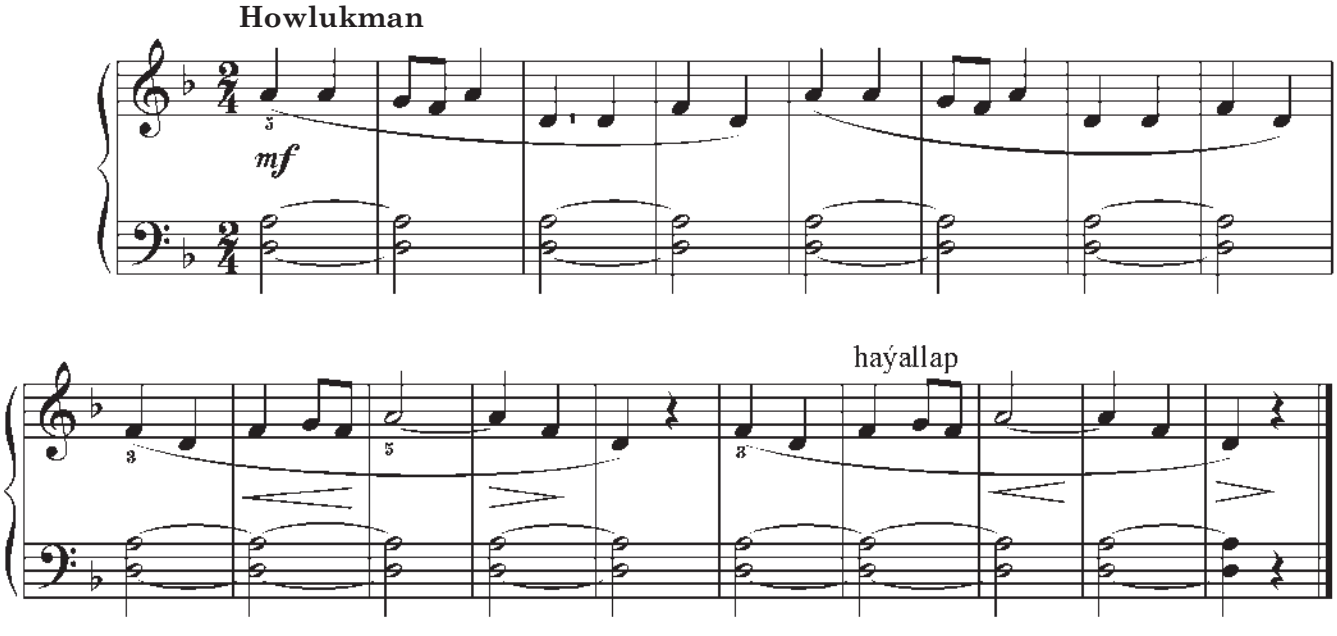



## 147. Gapyda, gapyda

(*Rus halk aýdymy*)

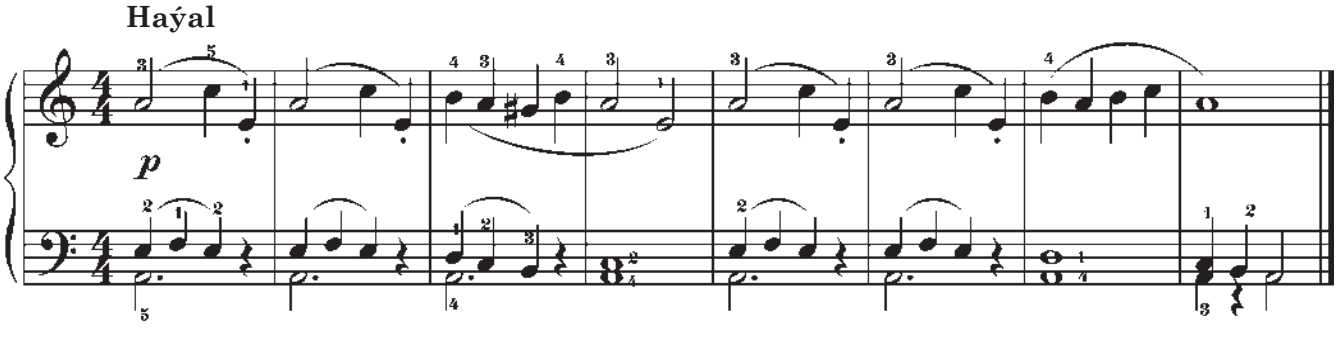



## 148. Rus halk aýdymy

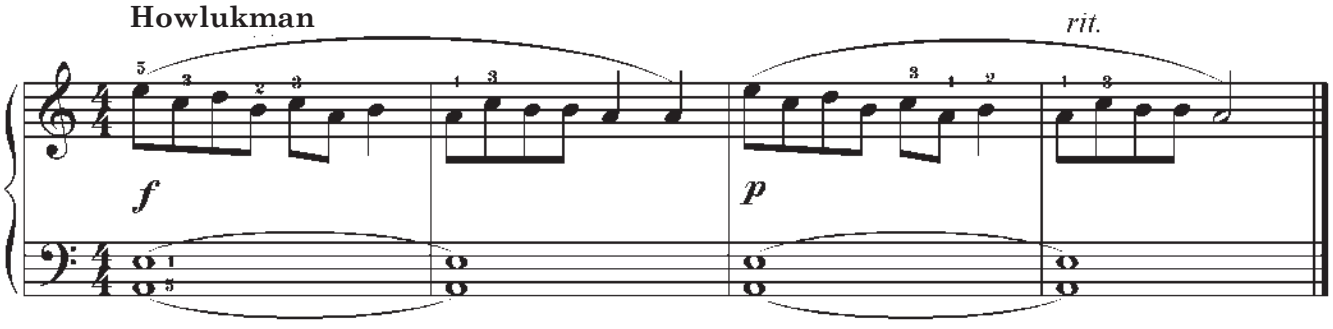



## 149. Hüwdi

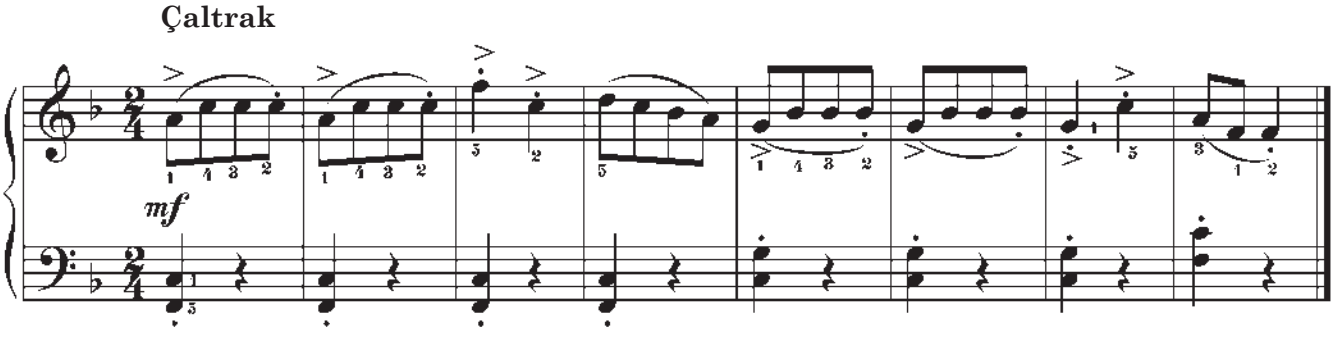
*S. Lewidow*



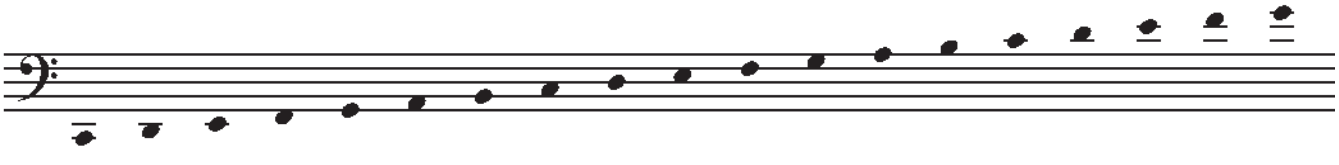
## 150. Rus aýdymy




## 151. Ukrain halk aýdymy

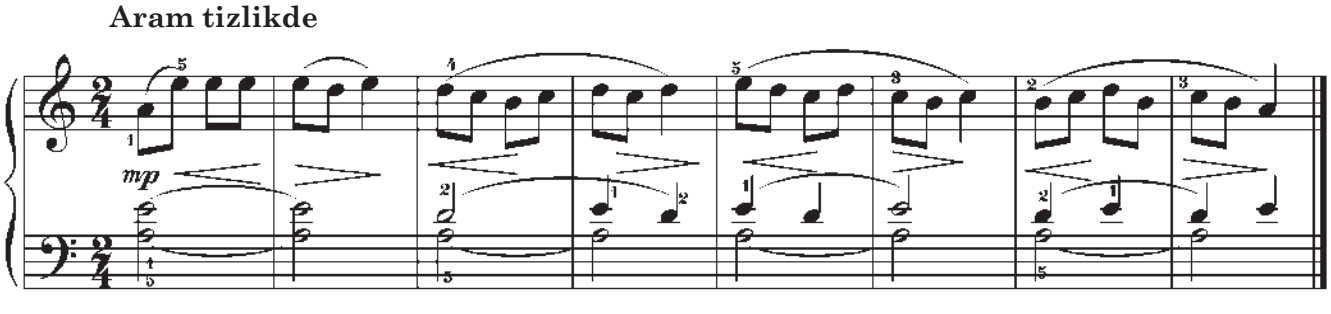



𝄢 – bas açarynda goşmaça çyzyklarda ýerleşýän notalar:



## 152. Aýdymjagaz

*S. Nuryýew*



**NURY MUHADOW,**
*Türkmenistanyň halk artisti, Magtymguly adyndaky Döwlet baýragynyň eýesi, professor (1924–1999)*

## 153. Gaýgy

*N. Muhadow*

Haýal

*mp* *mp* *dim. e rit.*

## 154. Ýatlama

*S. Nuryýew*

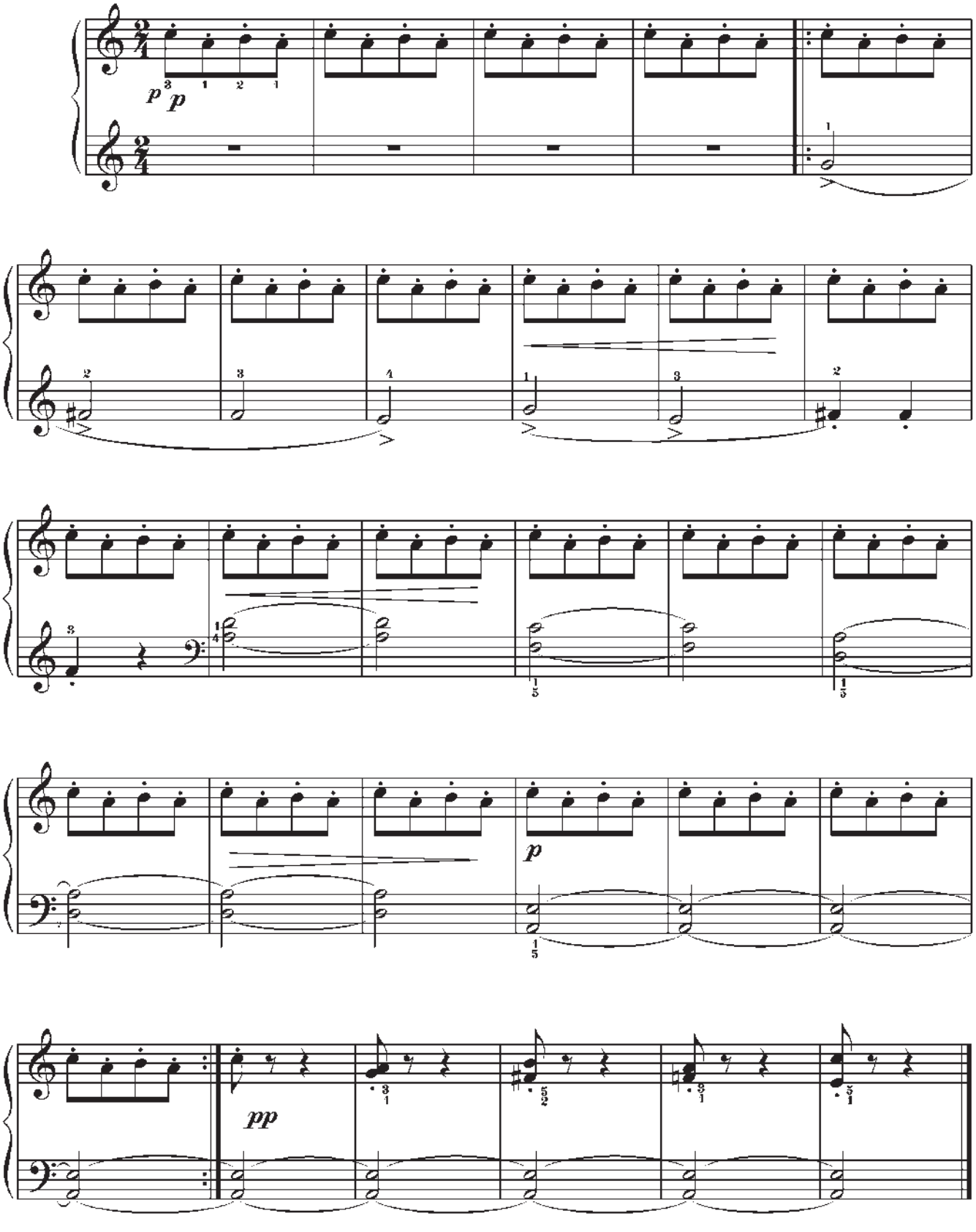
Haýal

*mp* *p* *mf* *p* *mf* *mf* *p*

# 155. Ýagyşjyk

*N. Lýubarskiý*

Çaltrak



# 156. Marş

*Ý. Lewitin*

Çalt

*f*

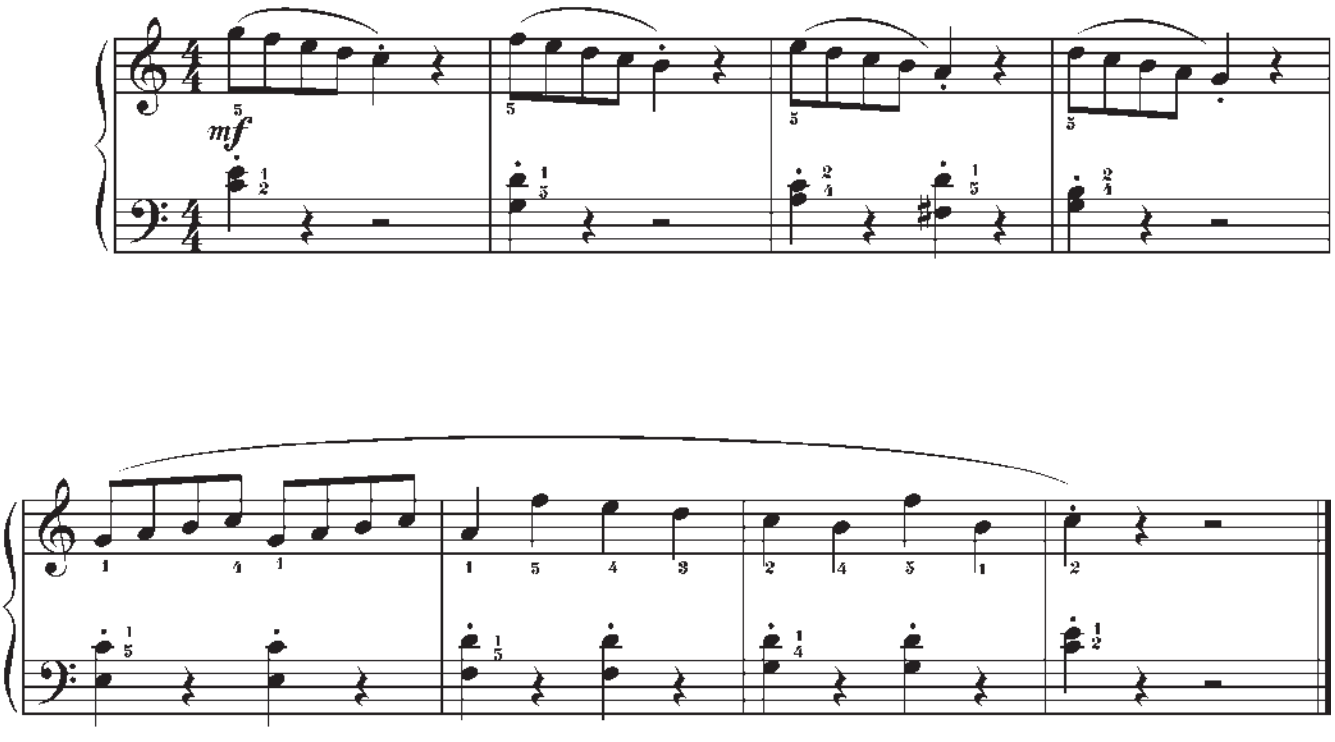
*p*

*f*

# 157. Etýud

*L. Şitte*

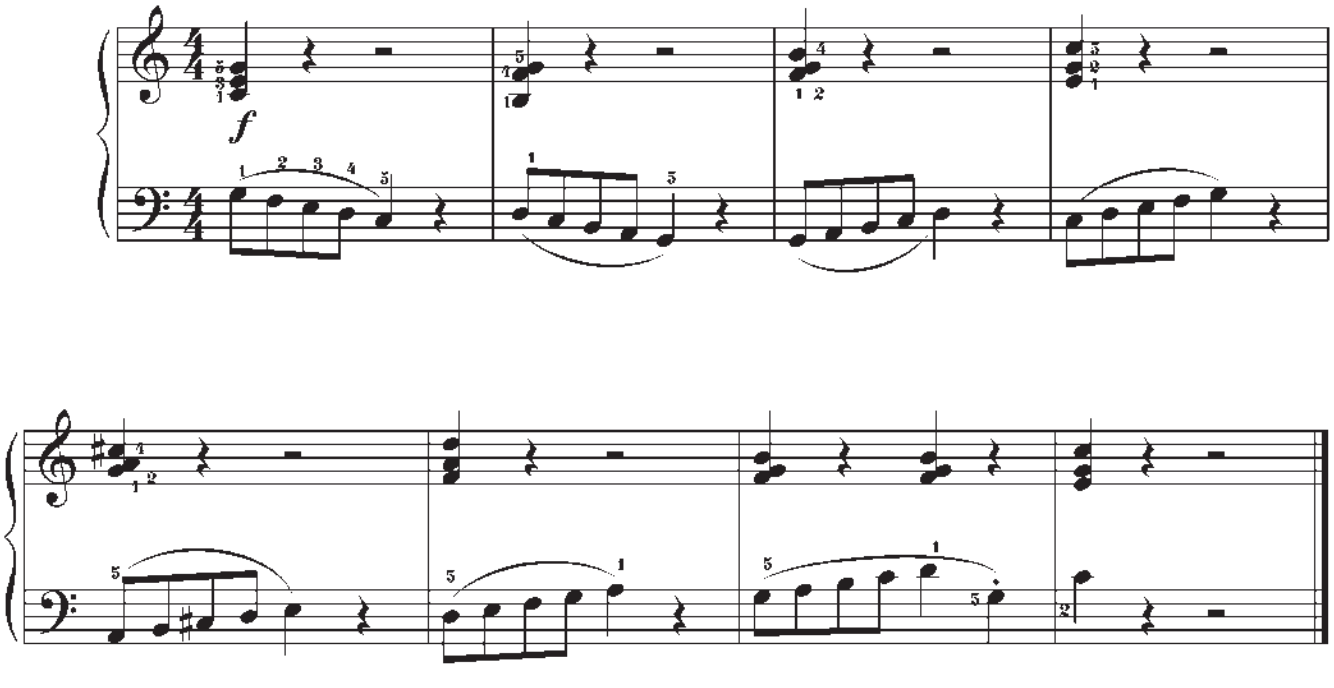
**Aram tizlikde**




# 158. Etýud

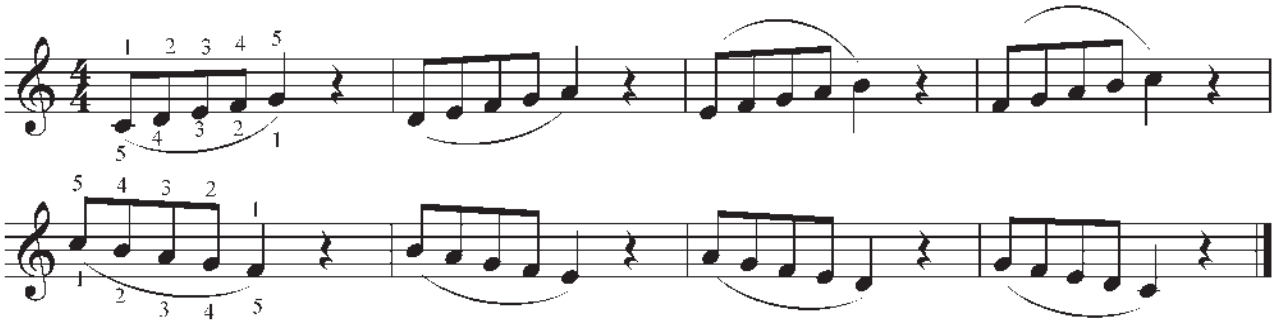
*L. Şitte*

**Howlukman**

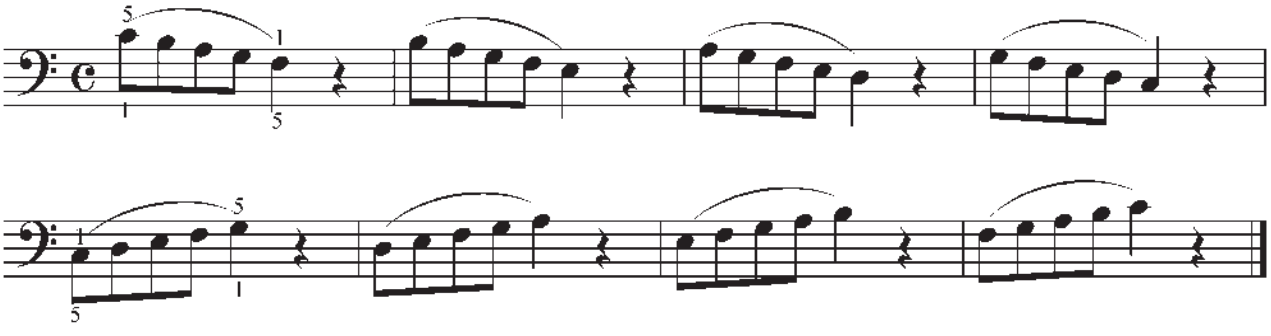


## Gönükmeler:

1.

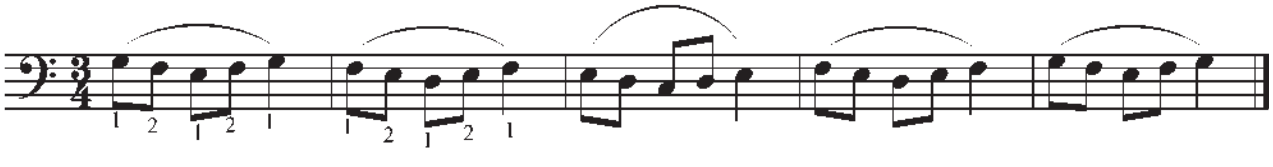


2.

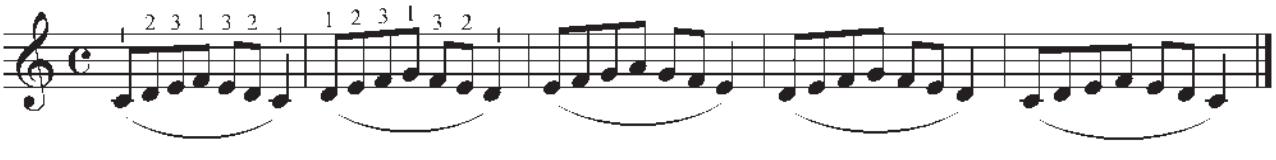


3.

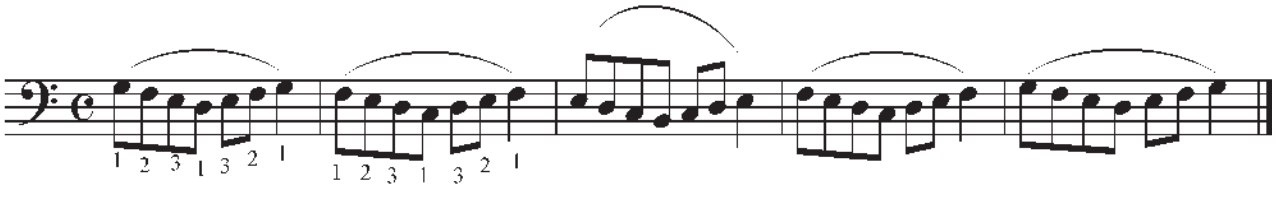
4.



5.

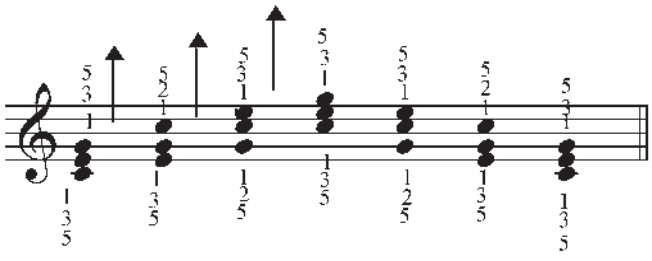


6.

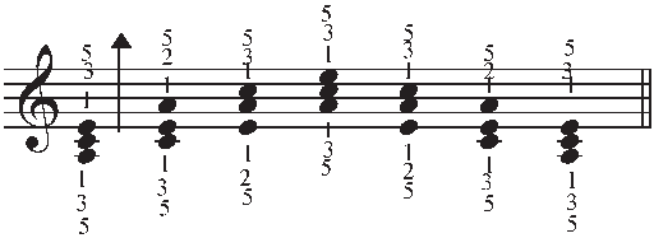


Indi bolsa, sazlaşyklary (akkordlary) barmaklary klawişalardan ýumşak iteläp çalyp görüň. Goşar başarnykly bolmaly.

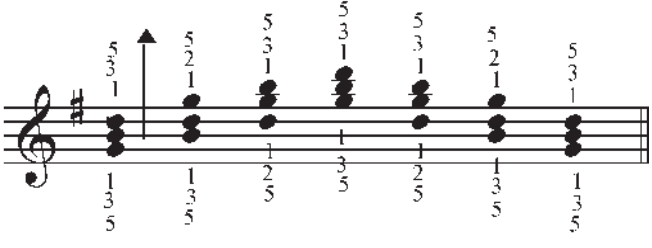
**Do mažor**



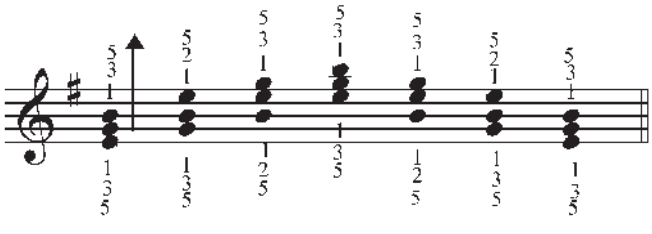
**Lýa minor**



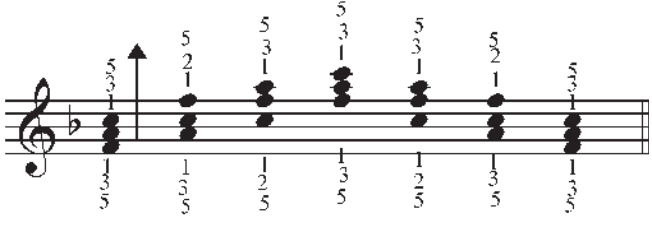
**Sol mažor**



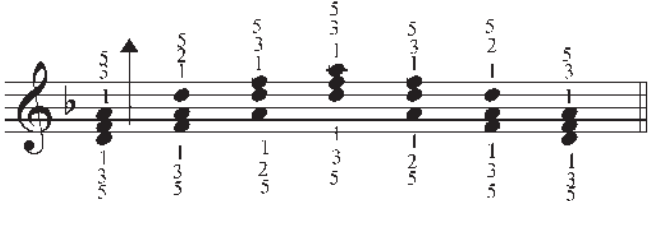
**Mi minor**



**Fa mažor**



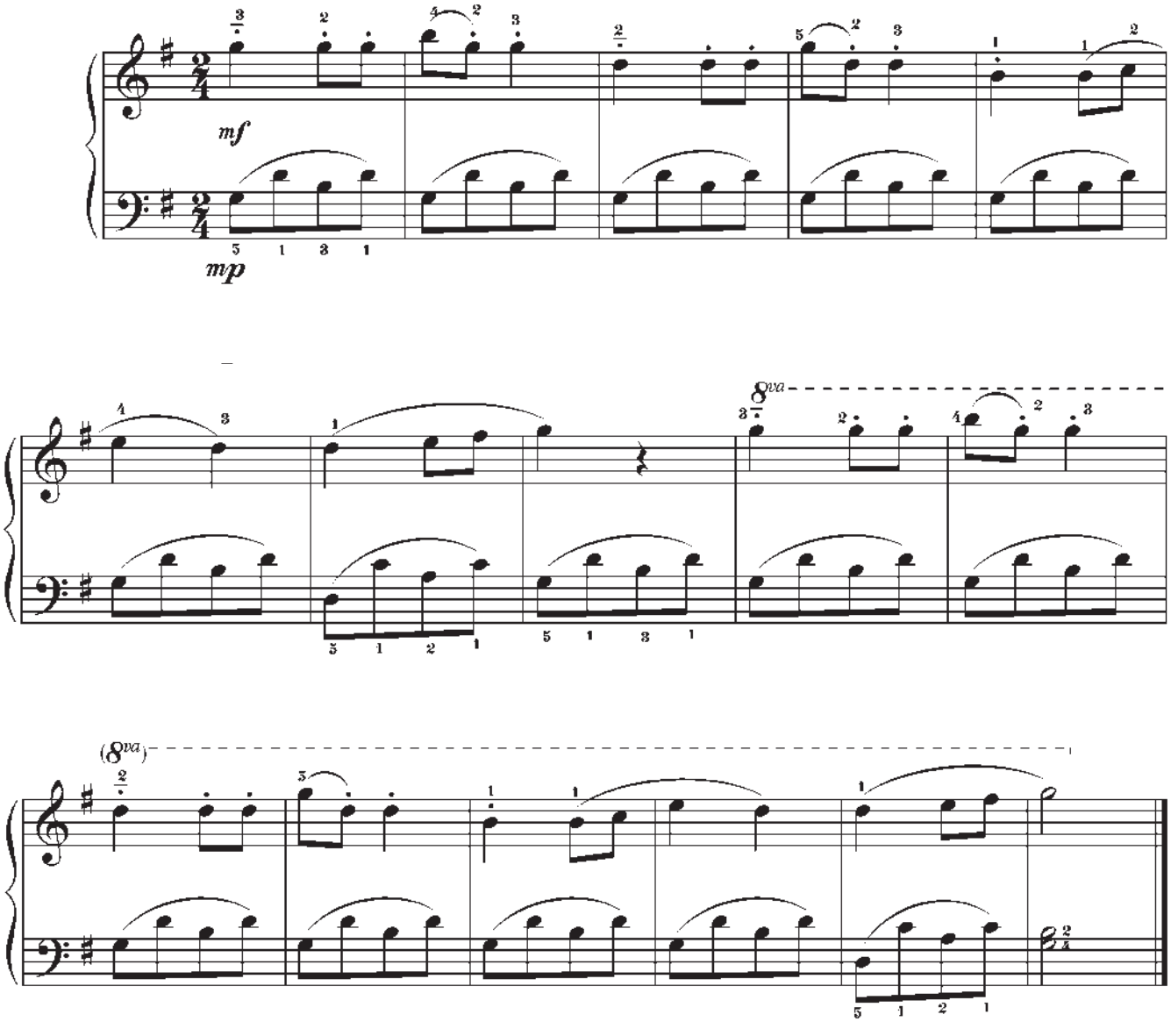
**Re minor**

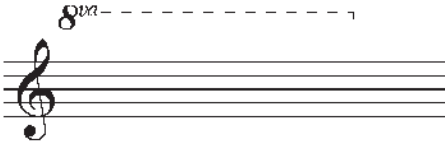


# 159. «Don Žuan» operasyndan bölek

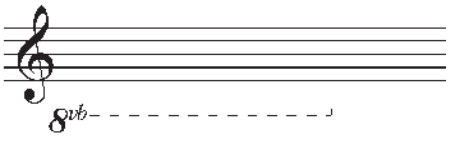
*W. Mosart*

**Şatlykly**




– goýlan belgi notalaryň bir oktawa ýokary çalynmalydygyny görkezýär.

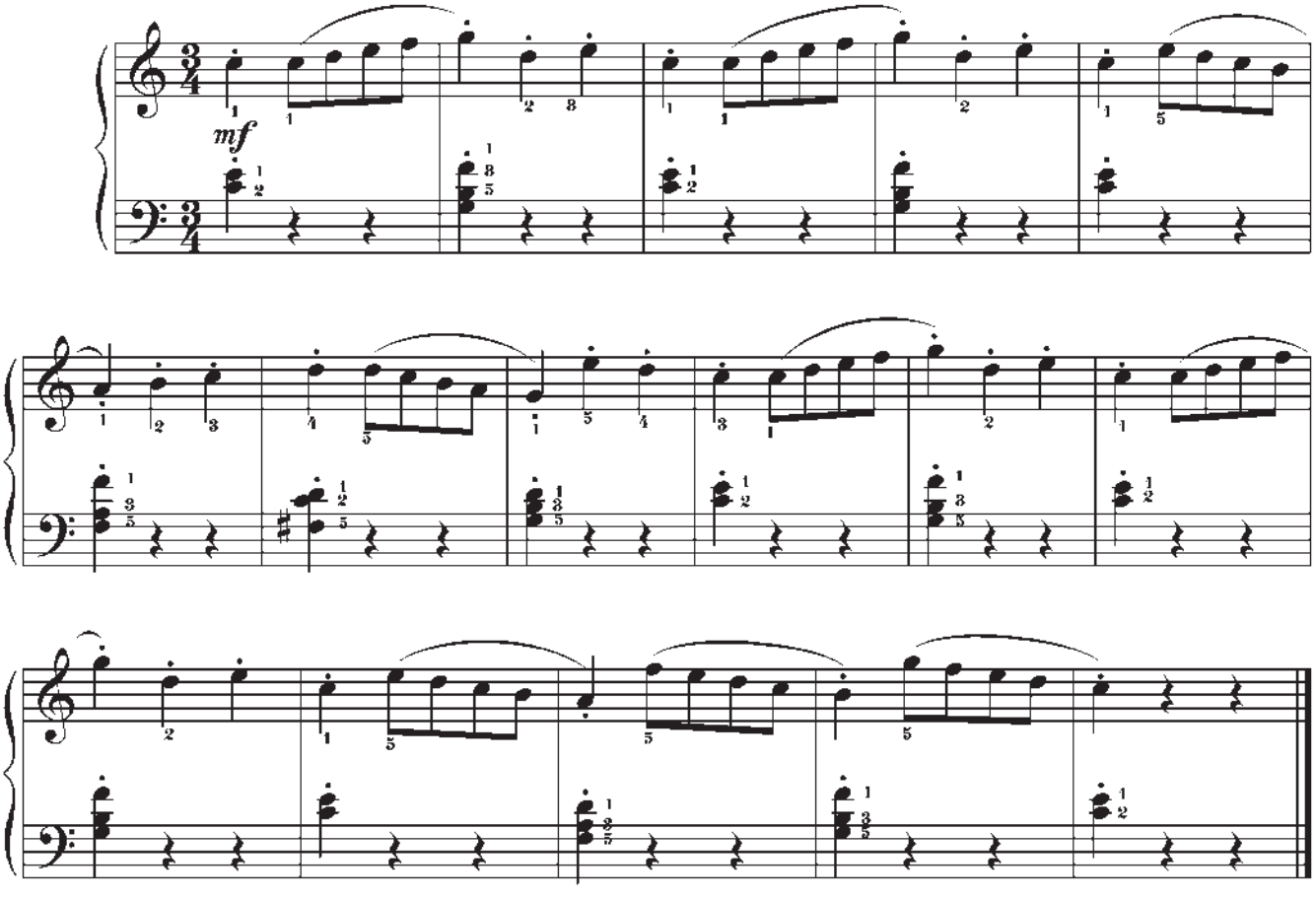



– goýlan belgi notalaryň bir oktawa aşak çalynmalydygyny görkezýär.

# 160. Etýud

*L. Şitte*

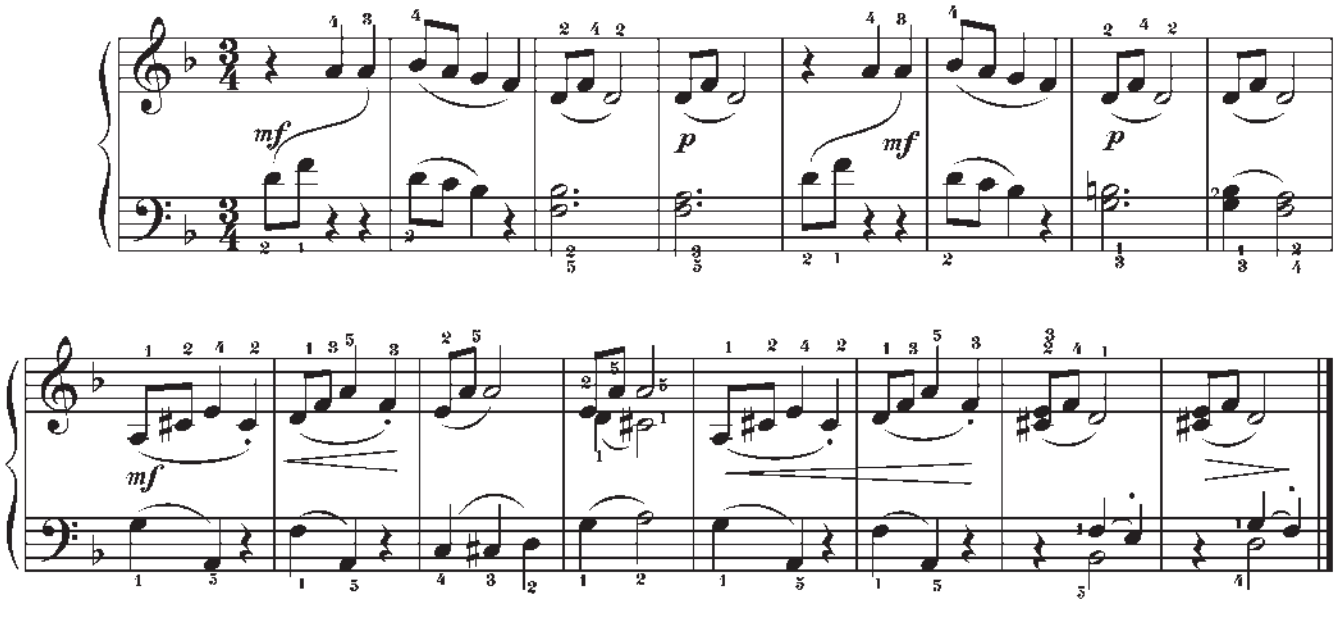
**Aram çaltlykda**



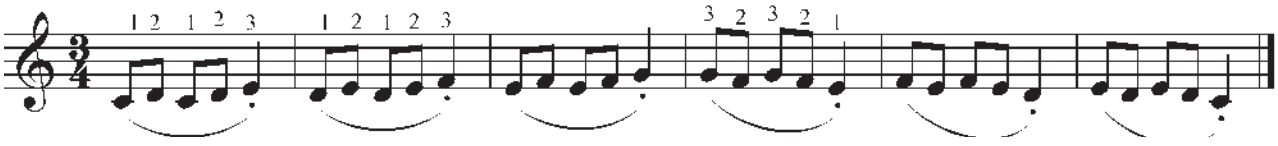

# 161. Wisla

(*Polýak halk aýdymy*)

**Aram tizlikde**



## Gönükme:

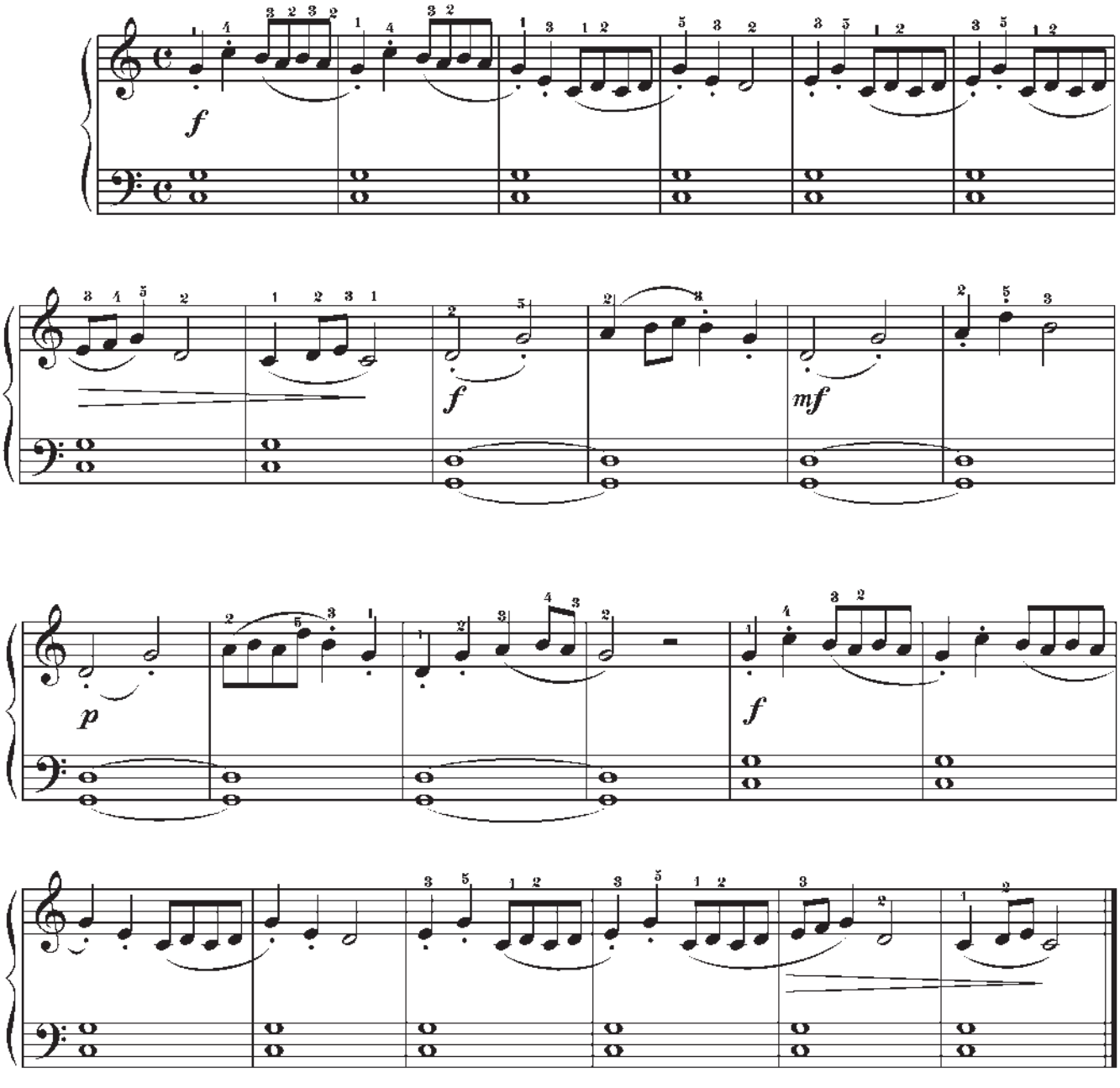


Gönükmäni 2–3–4-nji we 3–4–5-nji barmaklar bilen çalmaly.

## 162. Etýud

*Ý. Gnesina*

**Çaltrak**



## 163. Belarus halk aýdymy

Çaltrak

*mf* *p* *rit.*

**Lýa mažor** ses hatary.

Siz bir diýezli (**fa diýez**) – Sol mažor, iki diýezli (**fa diýez, do diýez**) – Re mažor, üç diýezli (**fa diýez, do diýez, sol diýez**) – Lýa mažor ses hatarlary bilen tanyş bolduňyz. Her täze ses hatarynda diýez belgisi VII basgançakda goýulýar.

## 164. Kukuşka

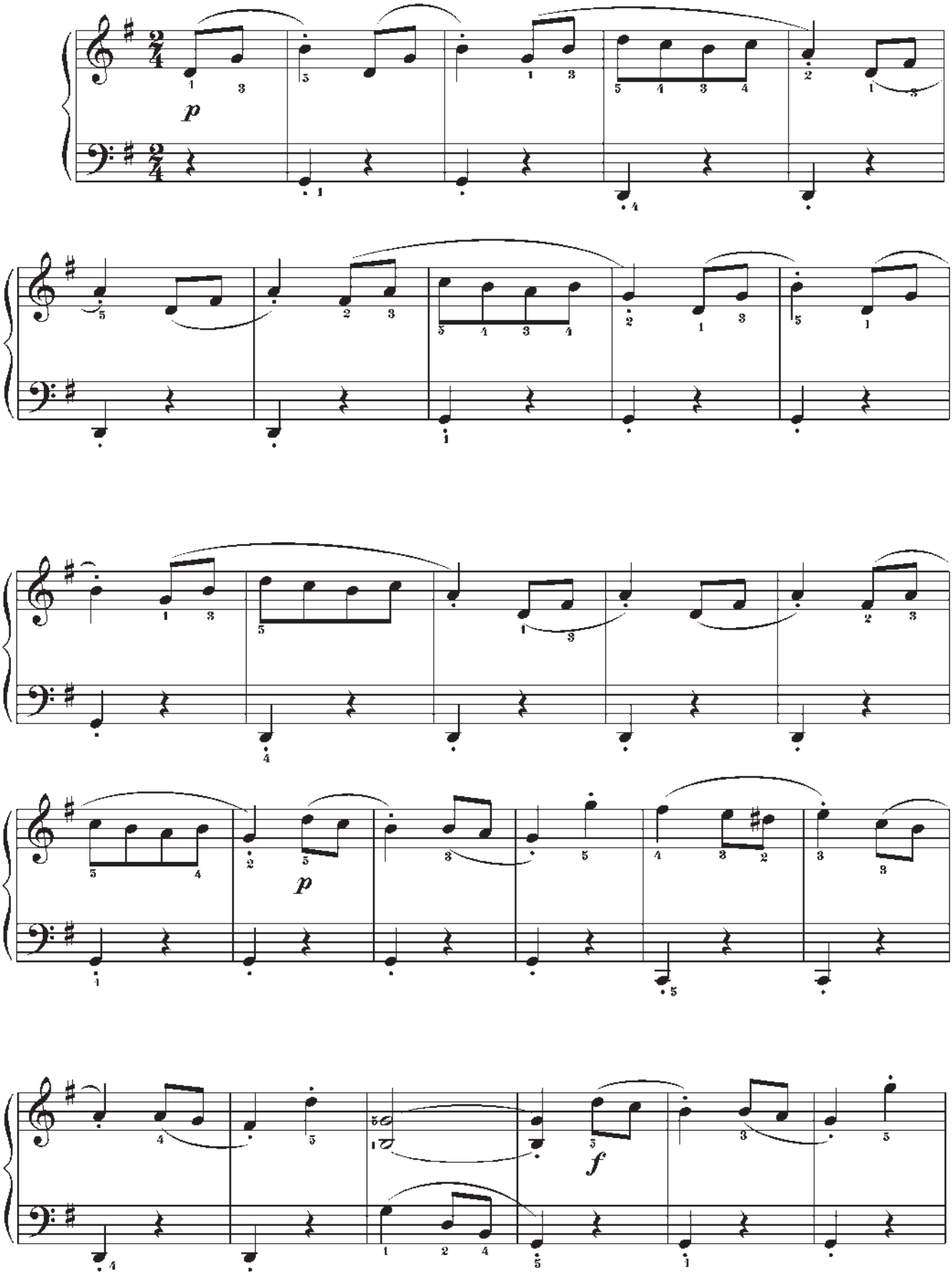
*E. Tetsel*

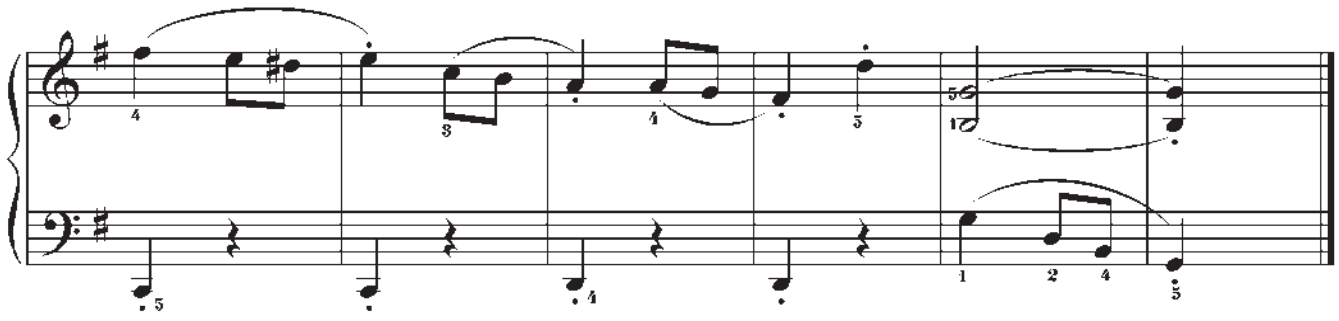
Çalt

*mf*

# 165. Ekosez

Çaltrak

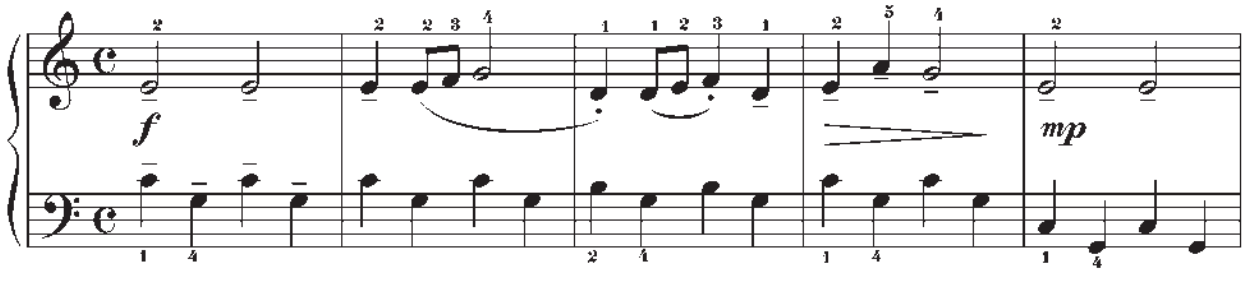


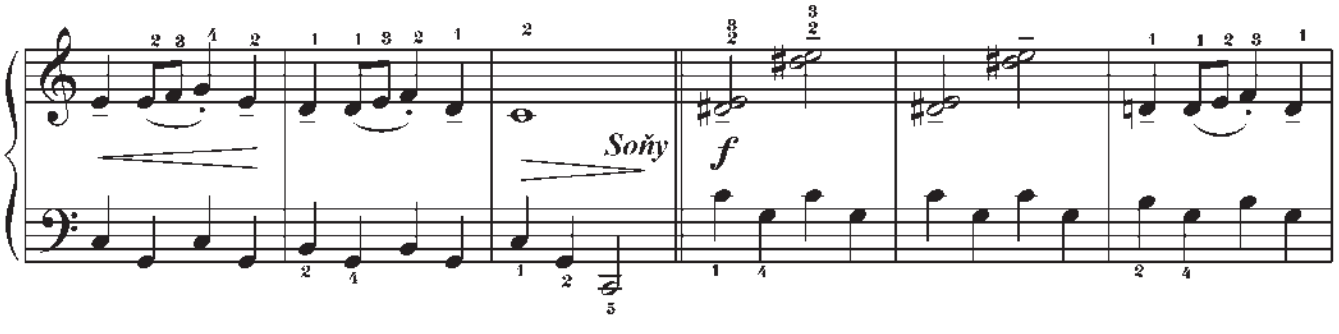


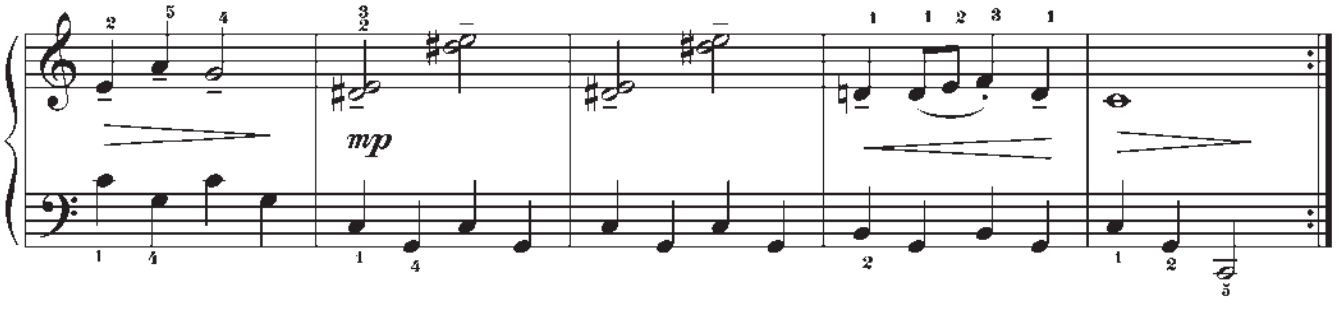
## 166. Okuwçylaryň marşy

*L. Druşkewiç*

**Aram tizlikde**



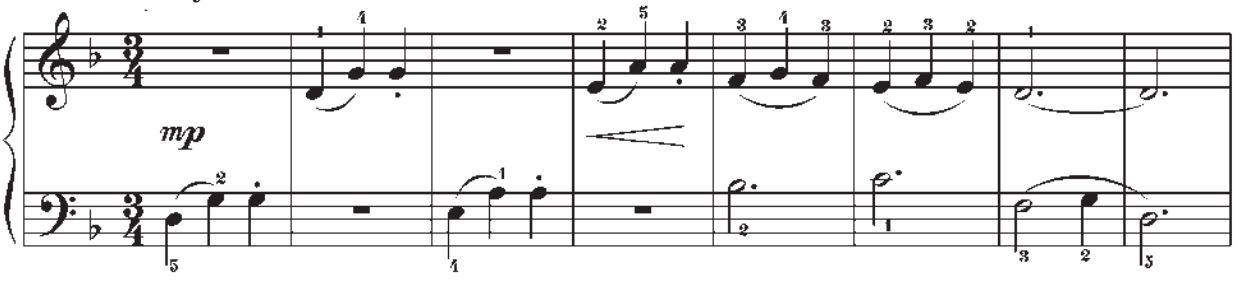



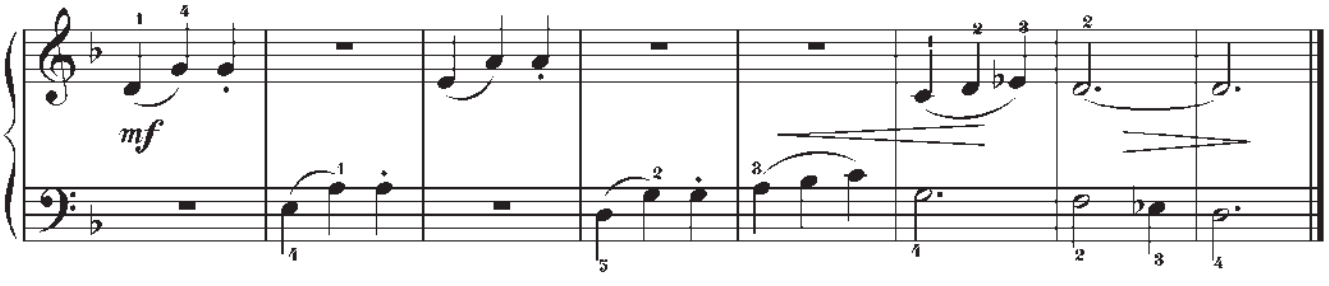

**«Soňy» sözüne çenli gaýtalamaly**

## 167. Kwartalar

*T. Öwezowa*

**Haýal**

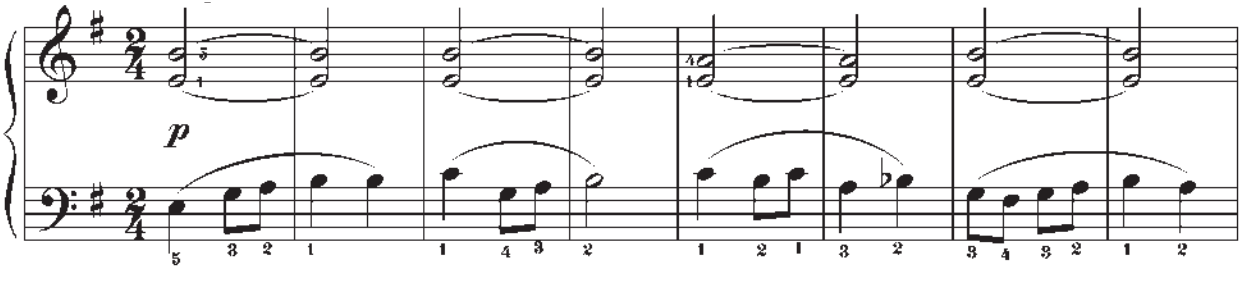


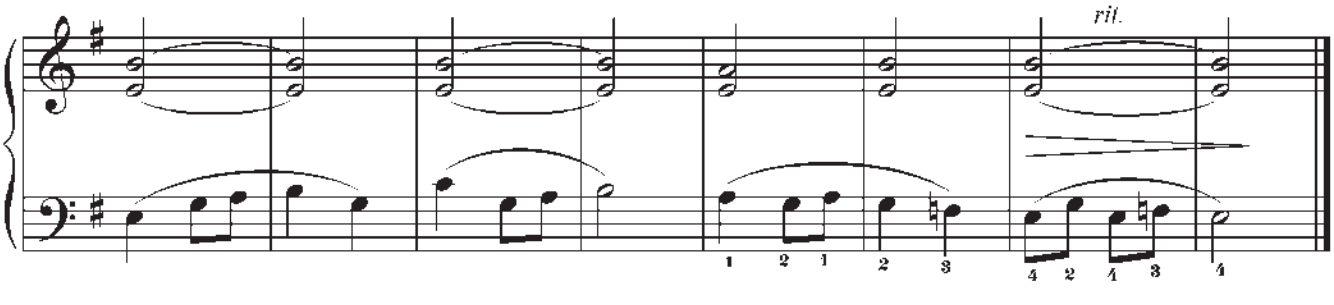




## 168. Hüwdi

*T. Öwezowa*

**Näzijek**

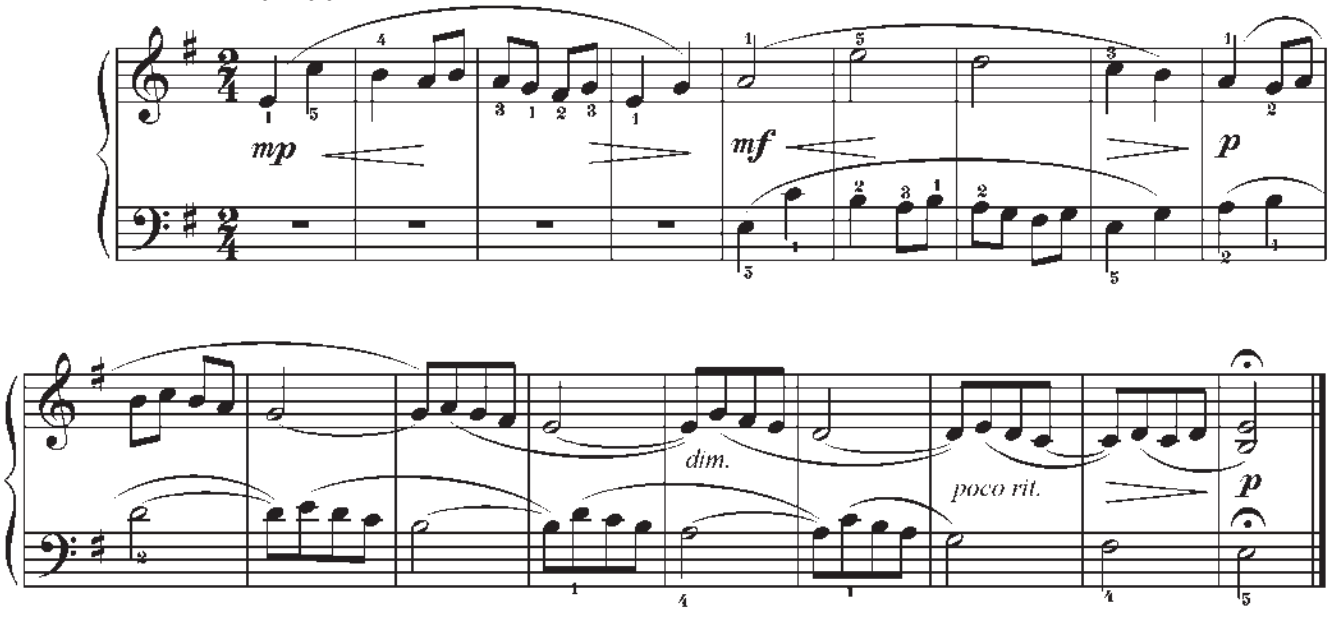


## 169. Kanon

*Ç. Babaýew*

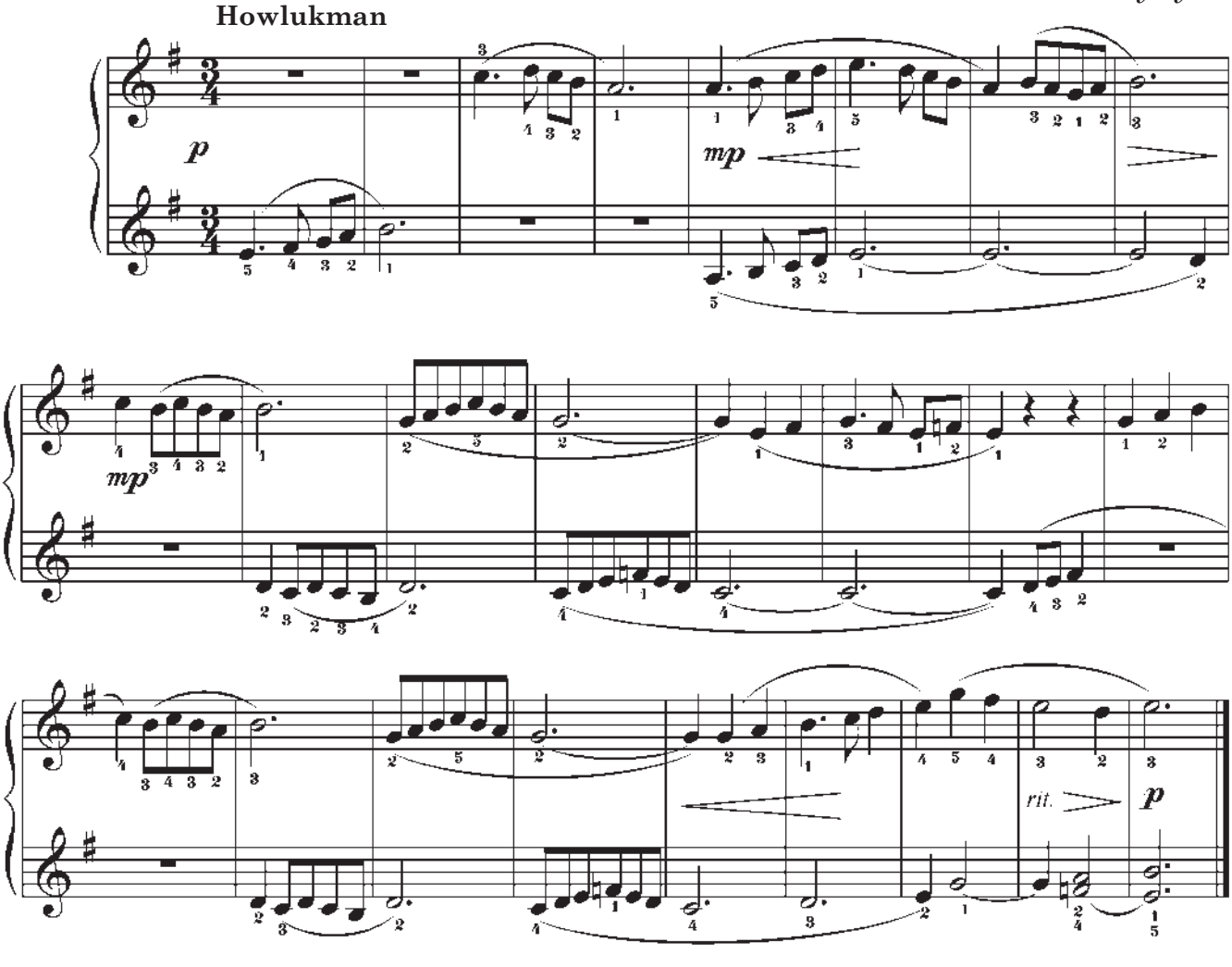
**Mylaýym**




## 170. Heň

*S. Tüýliýew*

**Howlukman**



## 171. Watanym

*W. Abaýewa*

**Aram tizlikde**

*p* *mp* *simile* *mf* *mp* *simile* *p* *rit.*

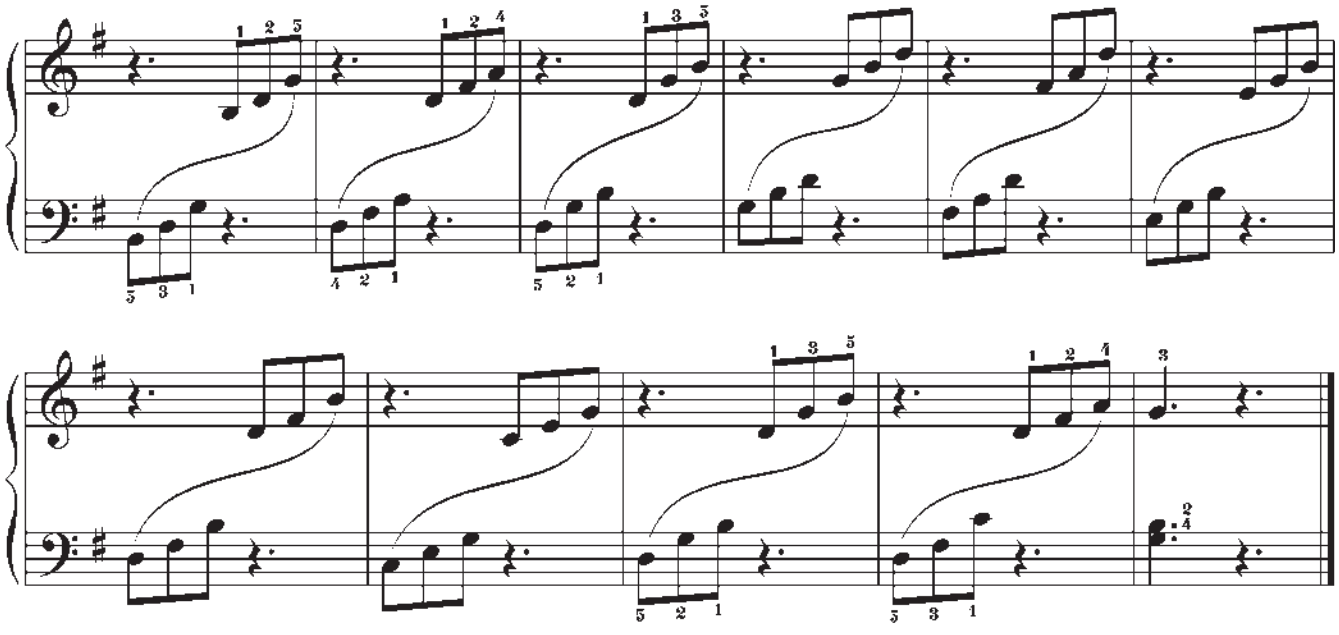
Açaryň ýanynda goýlan sanlar $^{6}/_{8}$ kesimde alty sany sekizdenbirlik notanyň barlygyny aňladýar.

## 172. Etýud

*L. Şitte*

**Aram tizlikde**

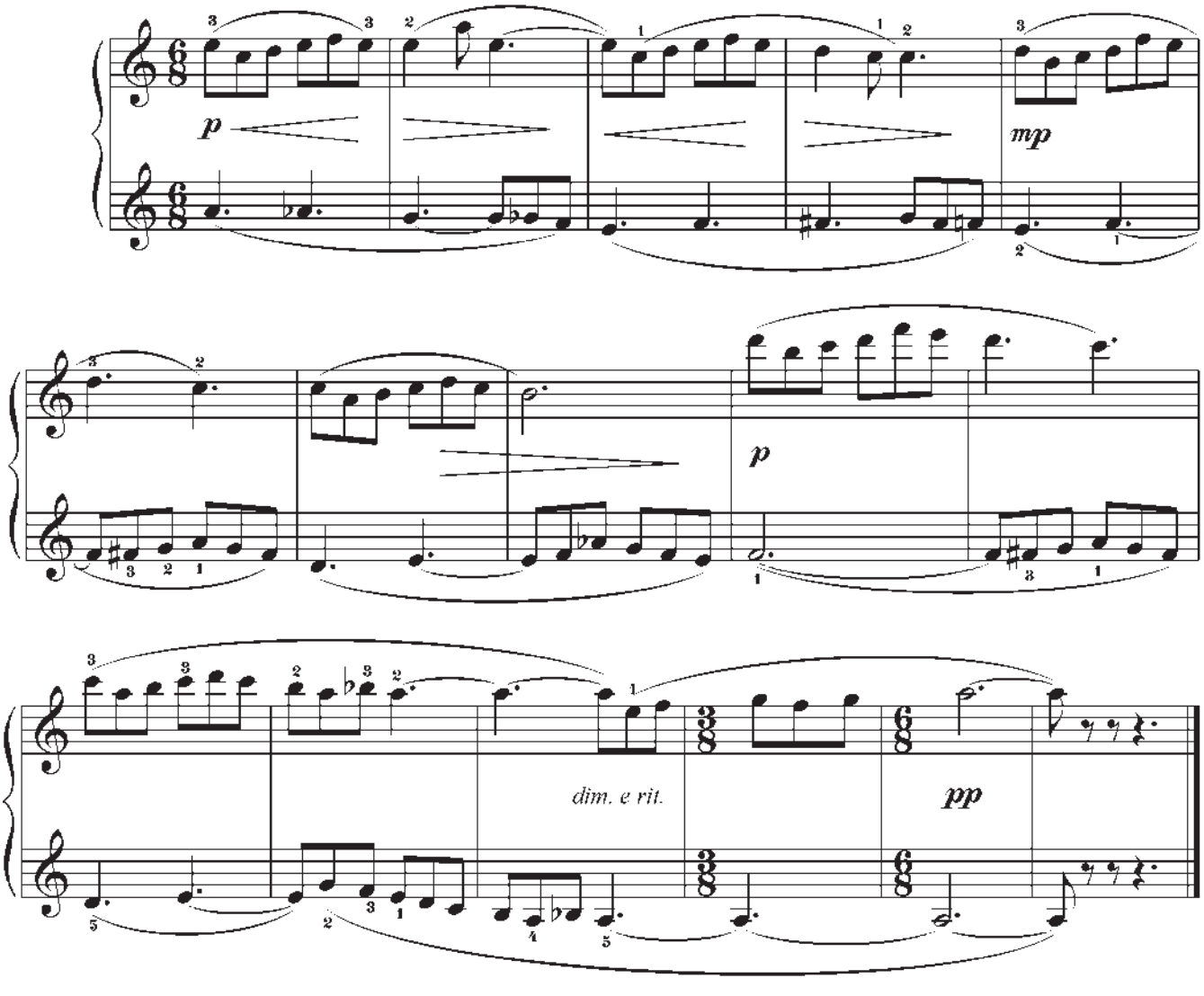
*p*



## 173. Pýesa

*D. Nuryýew*

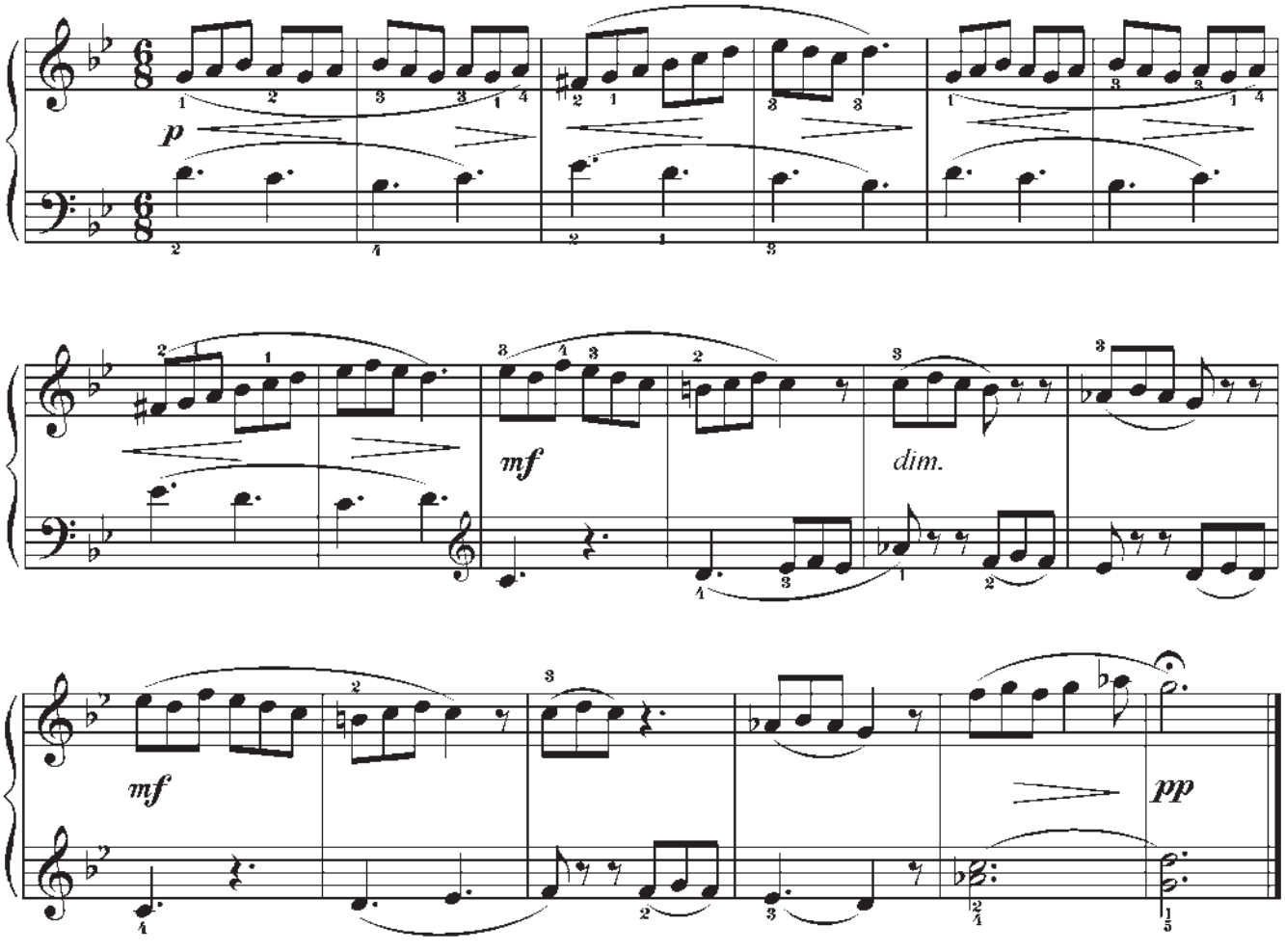
**Howlukman**



# 174. Etýud

*S. Nuryýew*

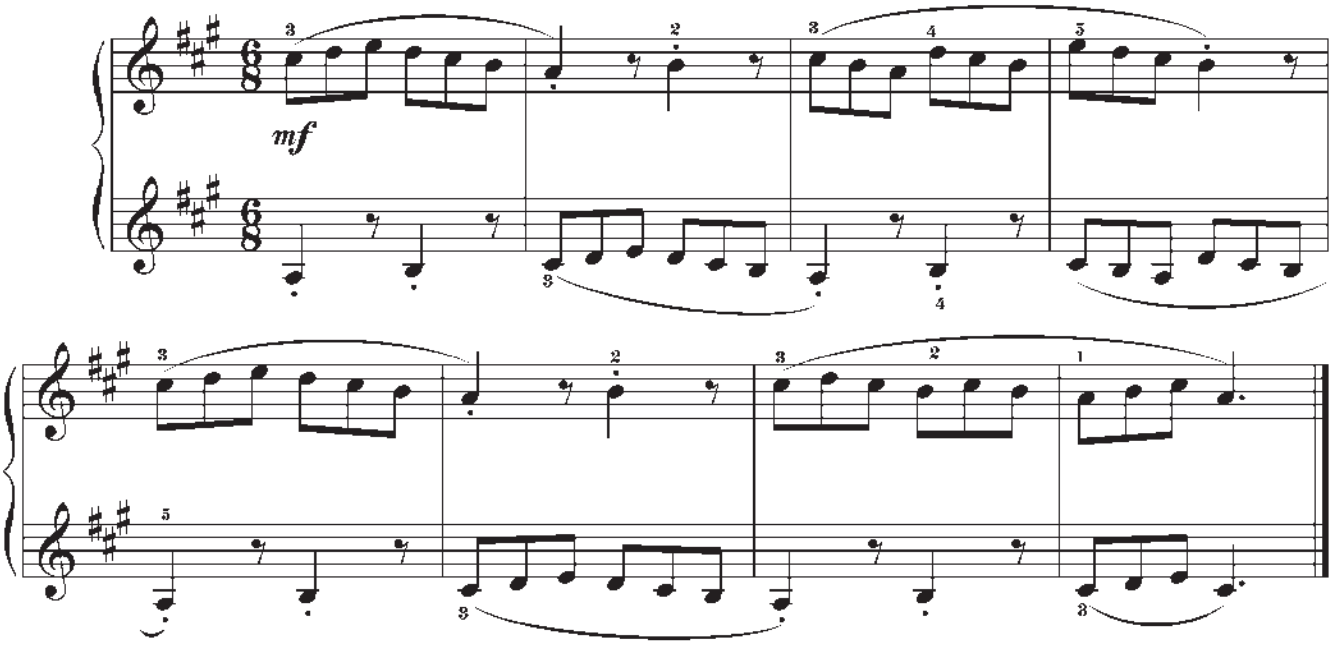
**Howlukman**



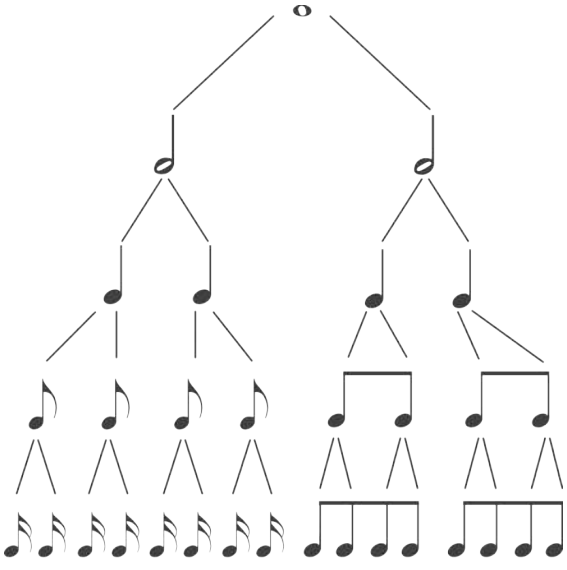

# 175. Etýud

*Ý. Gnesina*

**Aram tizlikde**

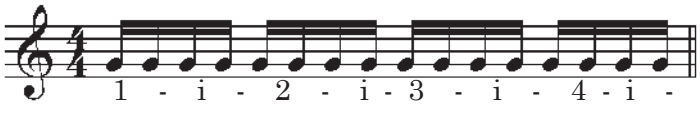


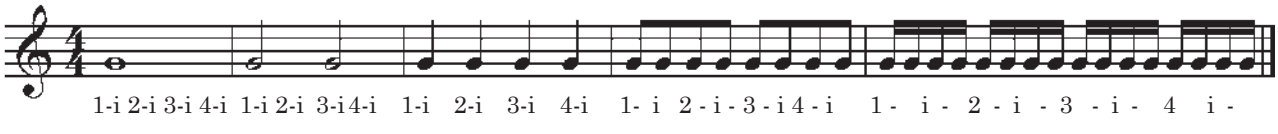
# XVI. ONALTYDANBIRLIK NOTALAR



Sekizdenbirlik nota iki sany onaltydanbirlik nota deňdir.

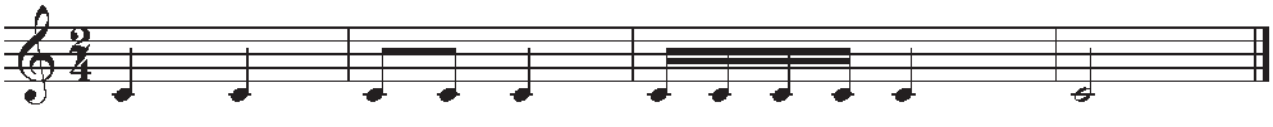
Onaltydanbirlik dyngynyň ýazylyşy:



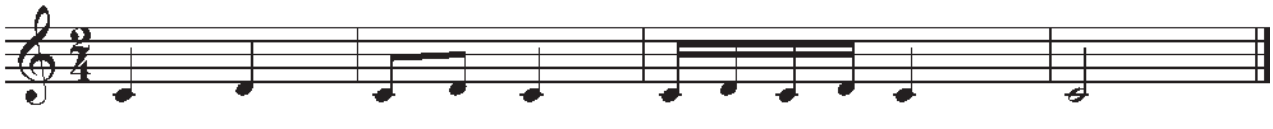



**Gönükmeler:**

1.



2.



3.

4.

## 176. Etýud

*Ç. Babaýew*

Çalt

*mf*

1 - i 2 - i 1-i 2i

1 - i 2 - i 1-i 2i

## 177. Aýdym

*S. Nuryýew*

Haýal

*p*

*mp*

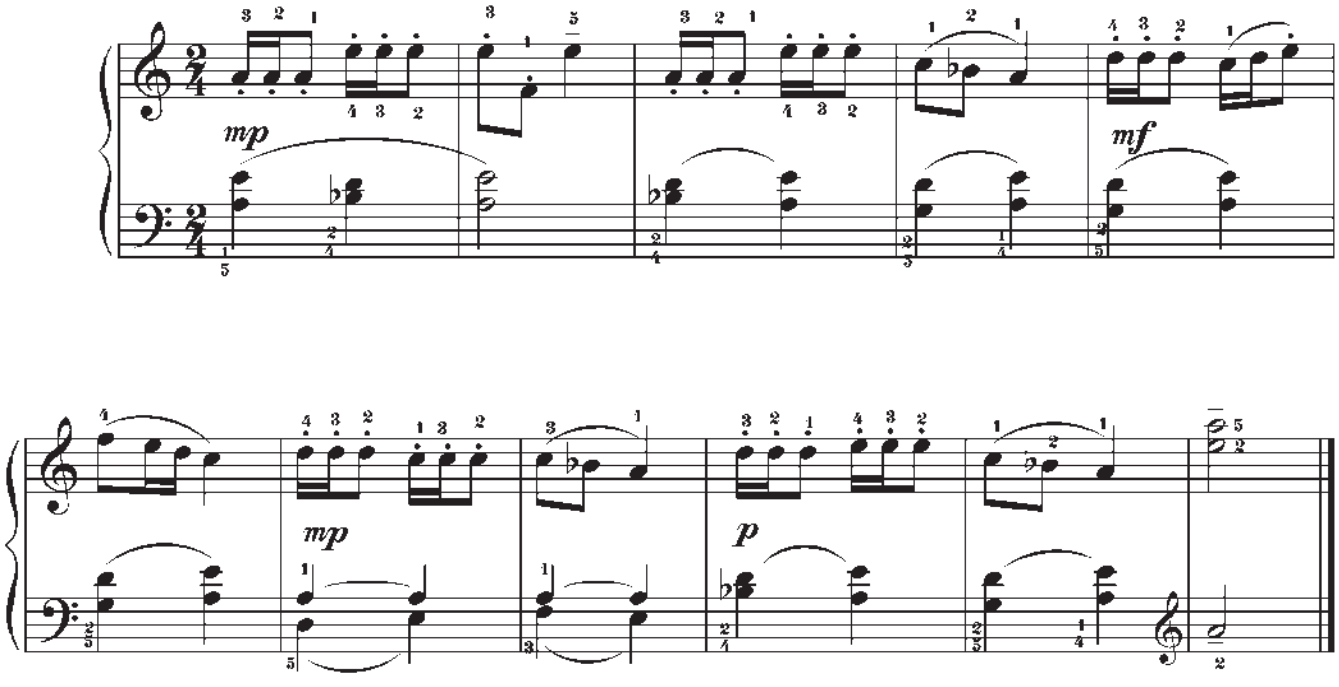
*p*

*dim. e rit.*

# 178. Kiçijik tans

*S. Nuryýew*

**Çaltrak**

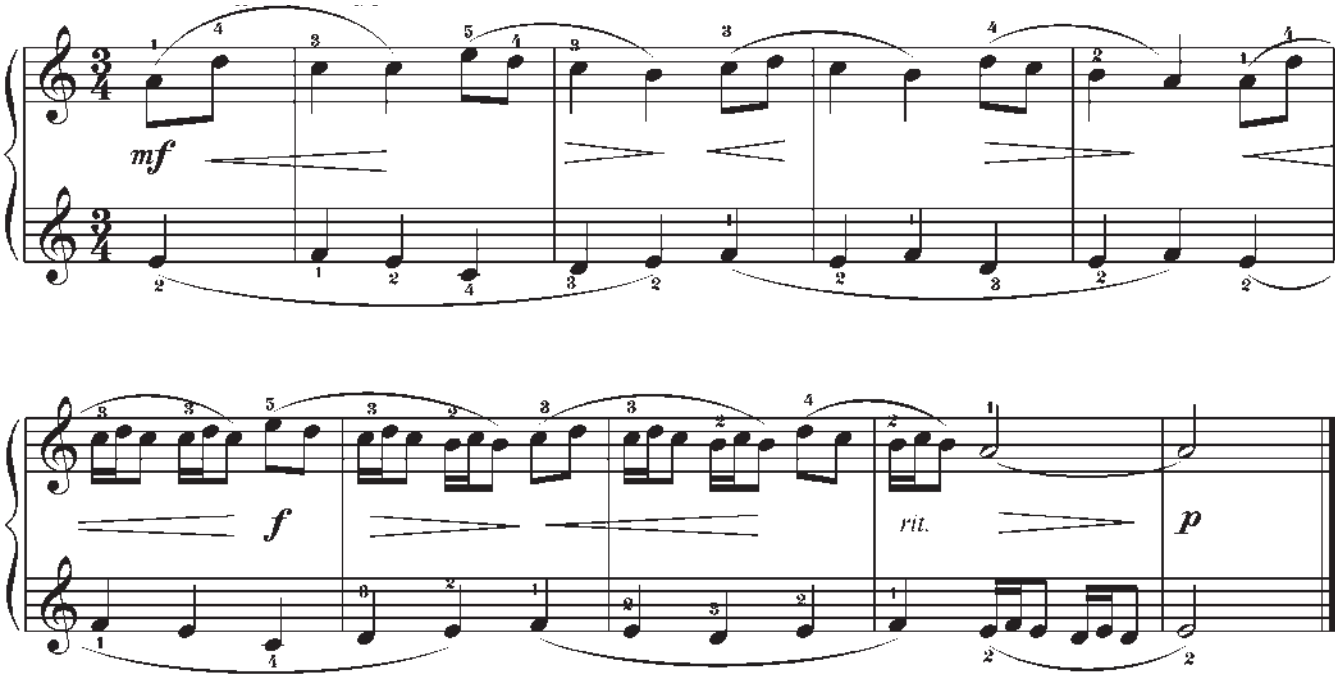



# 179. Läle.

(*Türkmen gyzlarynyň aýdymy*)

Täzeden işlän *Ç. Babaýew*

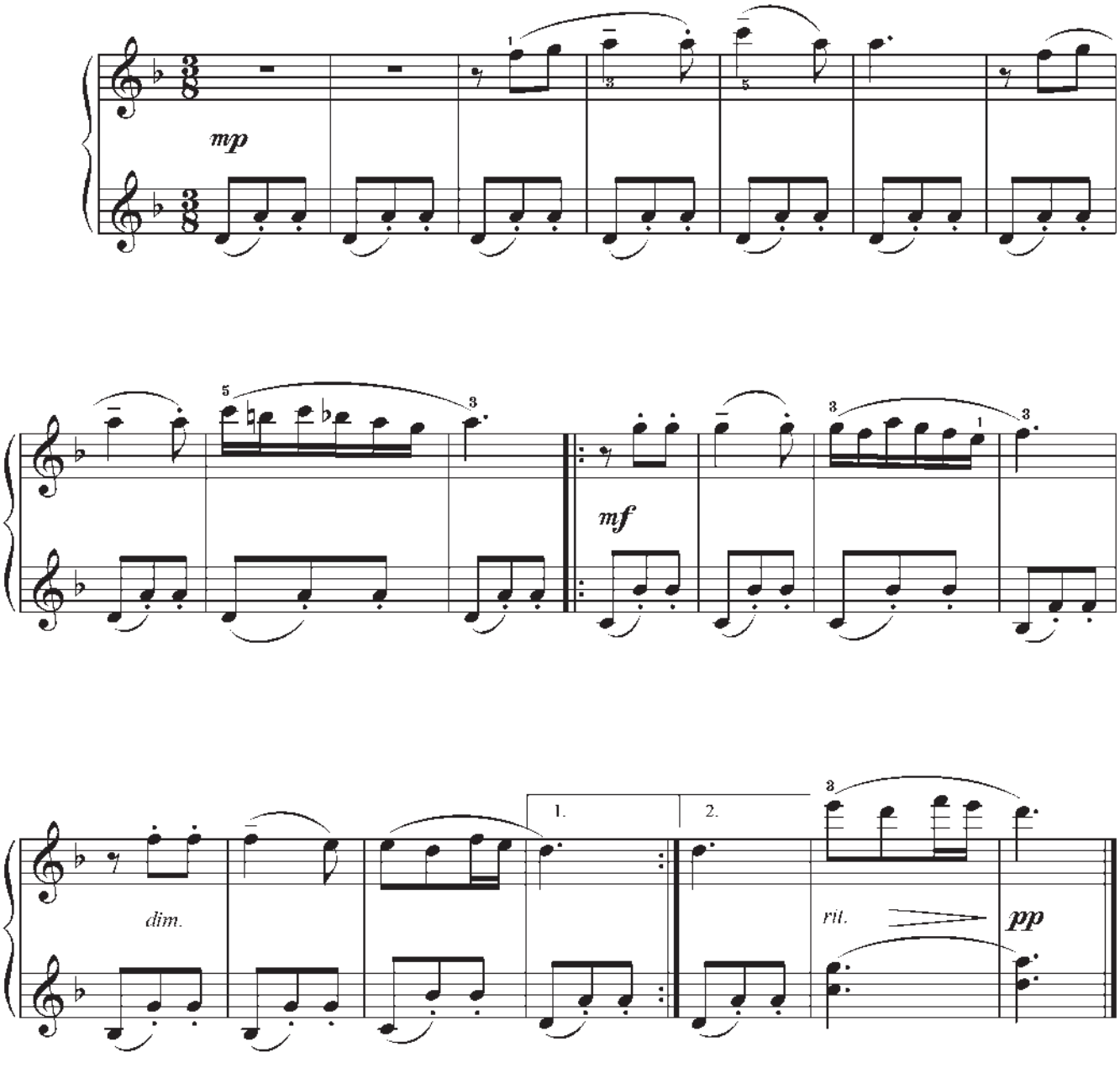
**Aram tizlikde**

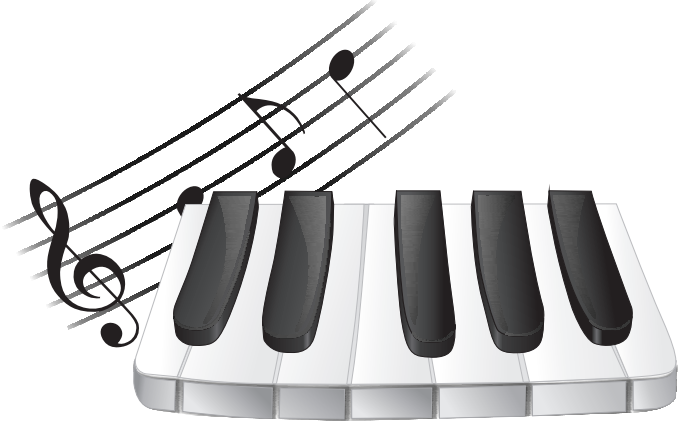


# 180. Wals

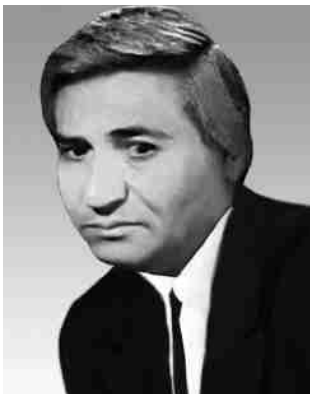
*N. Muhadow*

**Wals depginde**



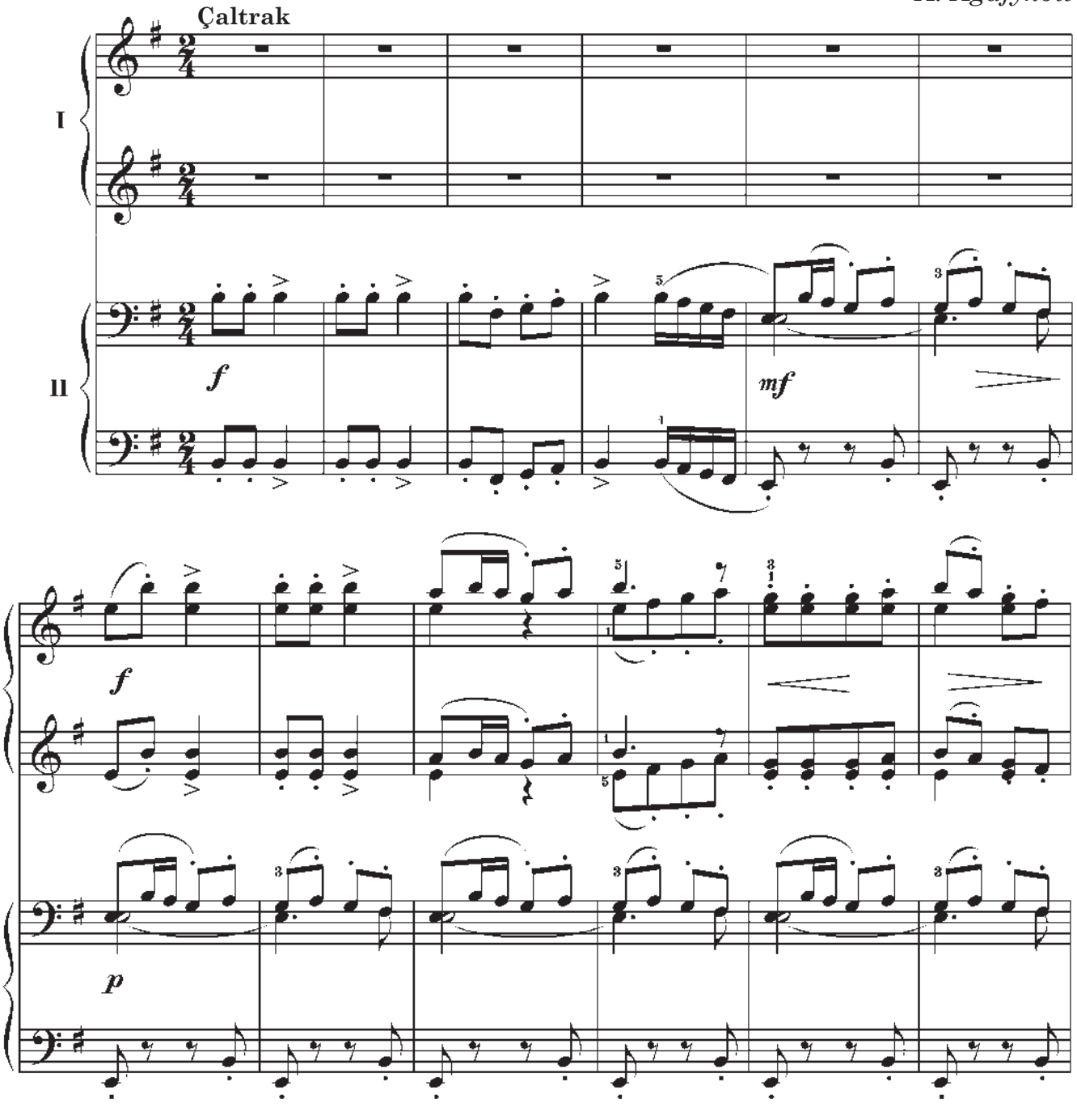



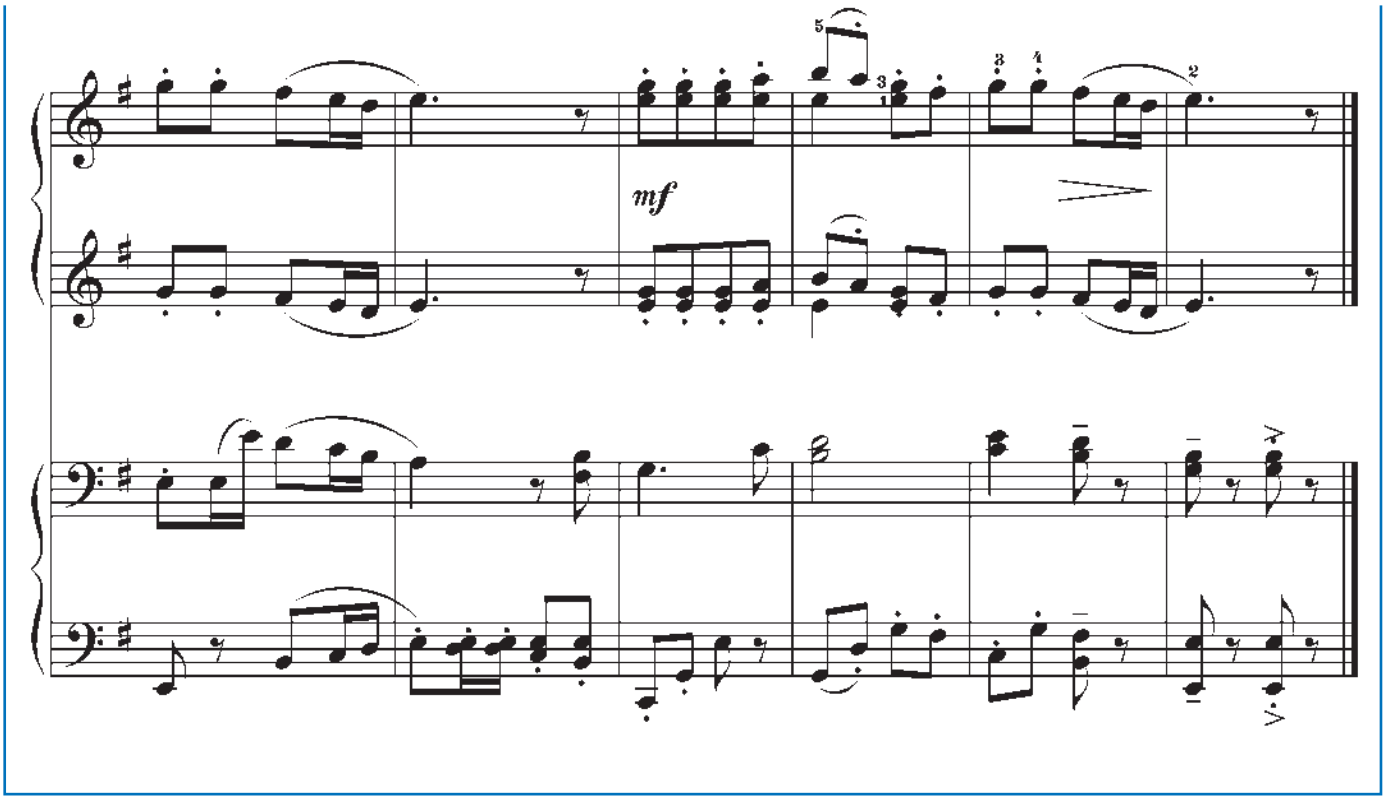
**AMAN AGAJYKOW,**
*Türkmenistanyň halk artisti,*
*Magtymguly adyndaky Döwlet*
*baýragynyň eýesi*
*(1937)*



## 181. Okuwçylaryň hory

*A. Agajykow*

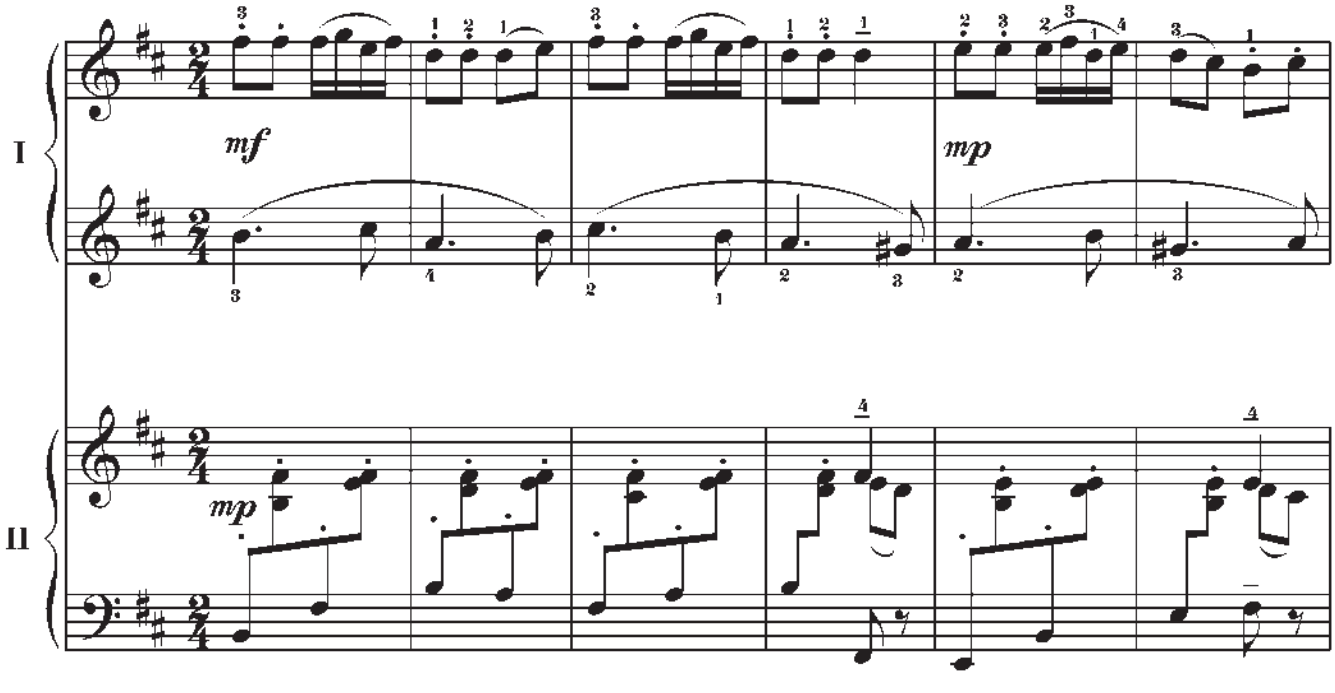


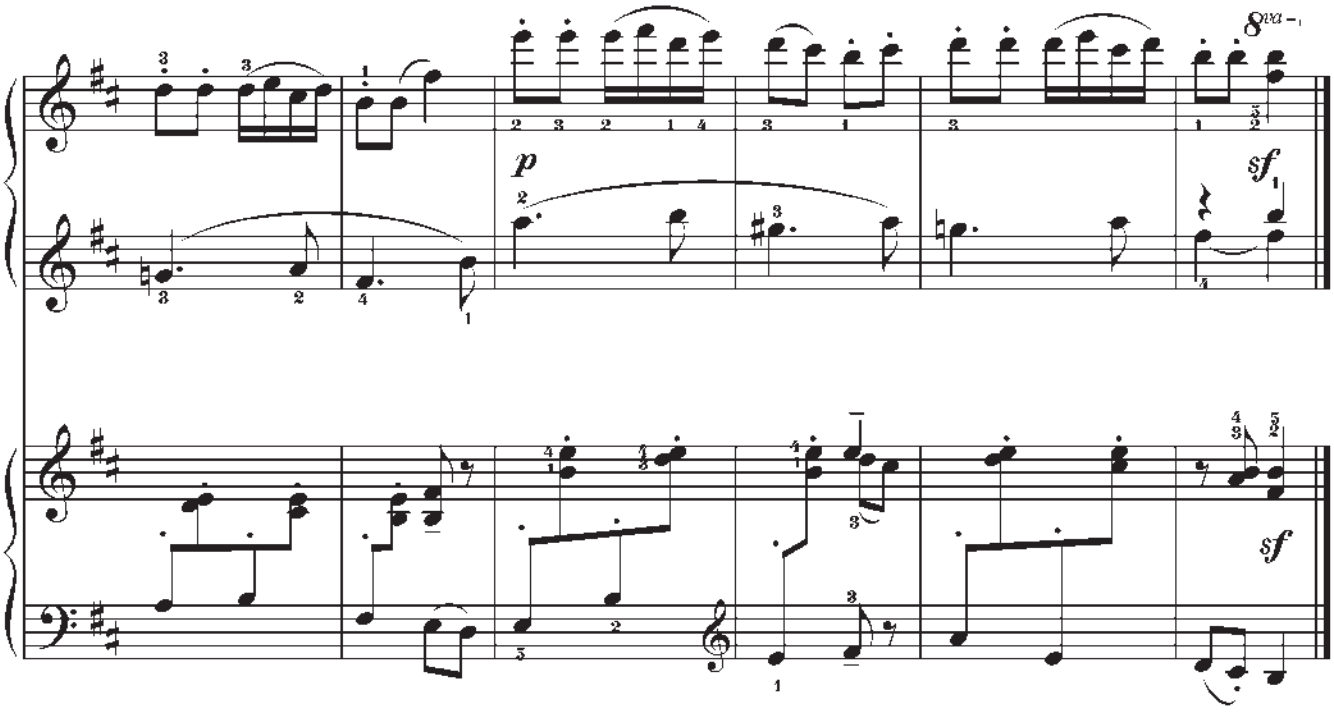



## 182. Şatlyk tansy

*Ç. Babaýew*

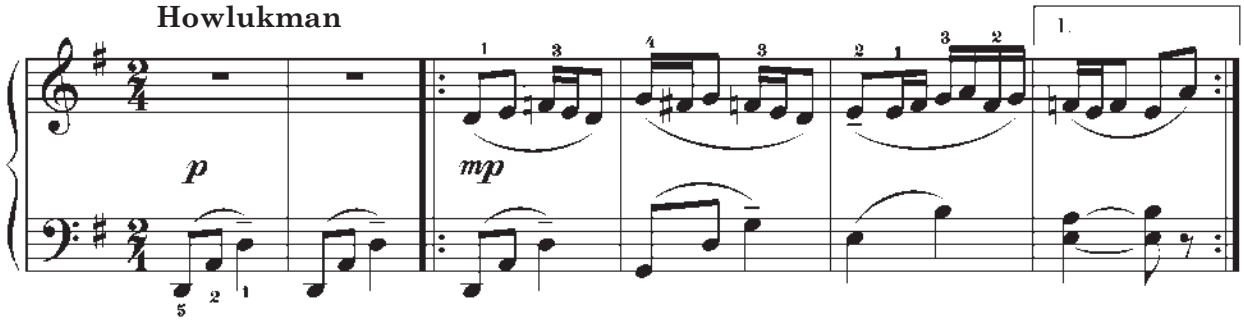
Şatlykly

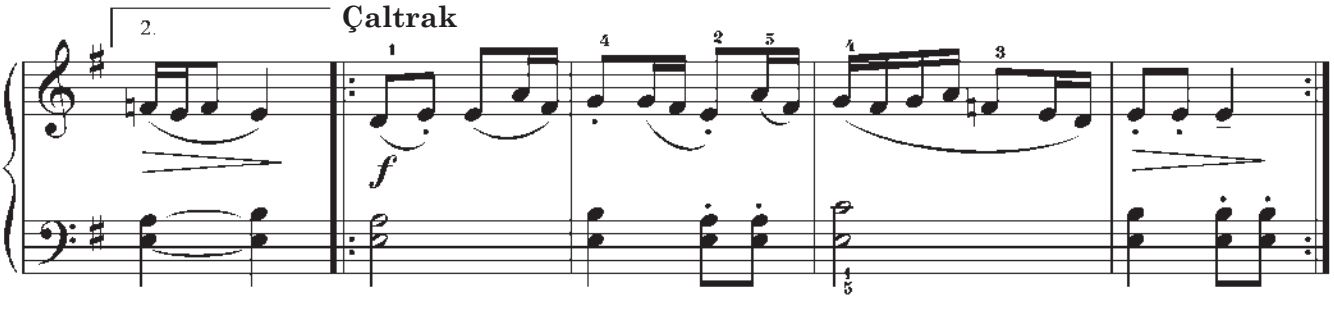


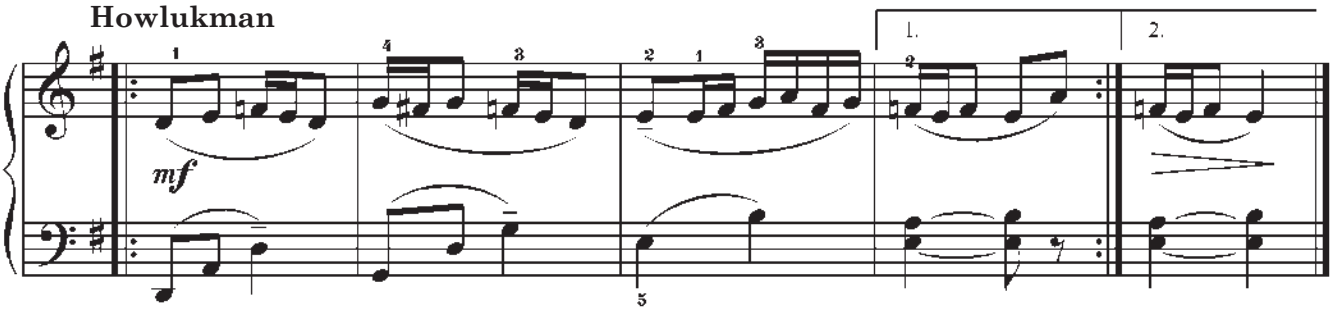



## 183. Türkmen halk tansy

Täzeden işlän *Ç. Babaýew*

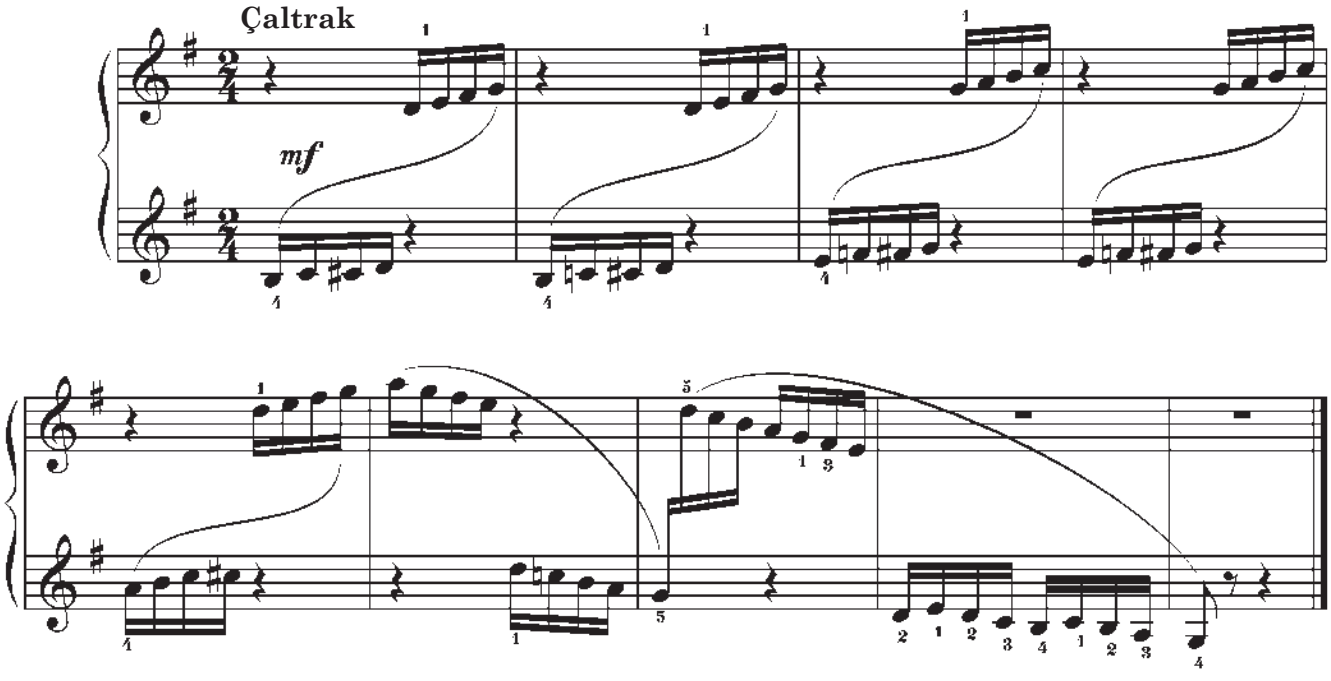


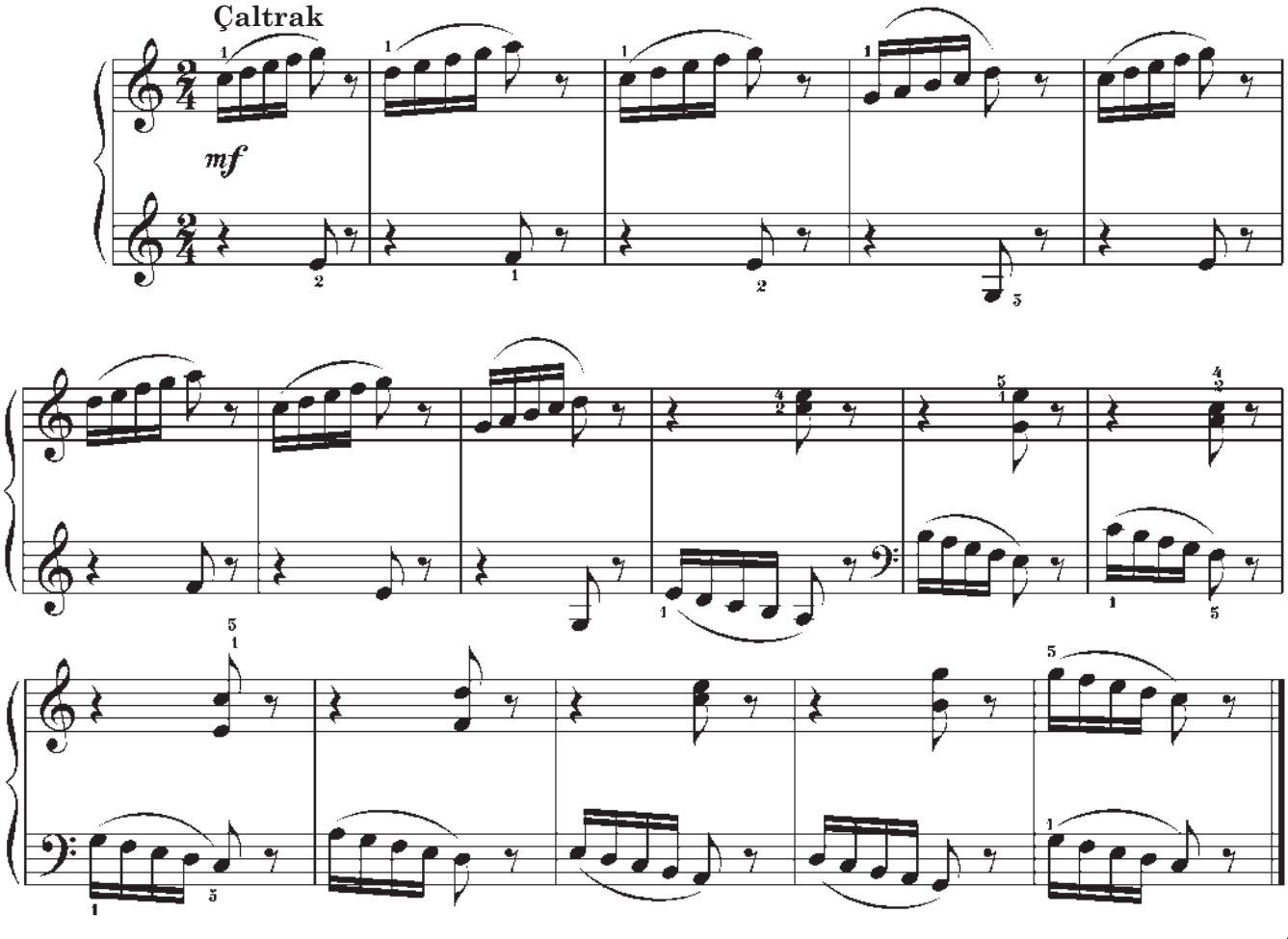
## 184. Etýud

*A. Lemuan*




## 185. Etýud

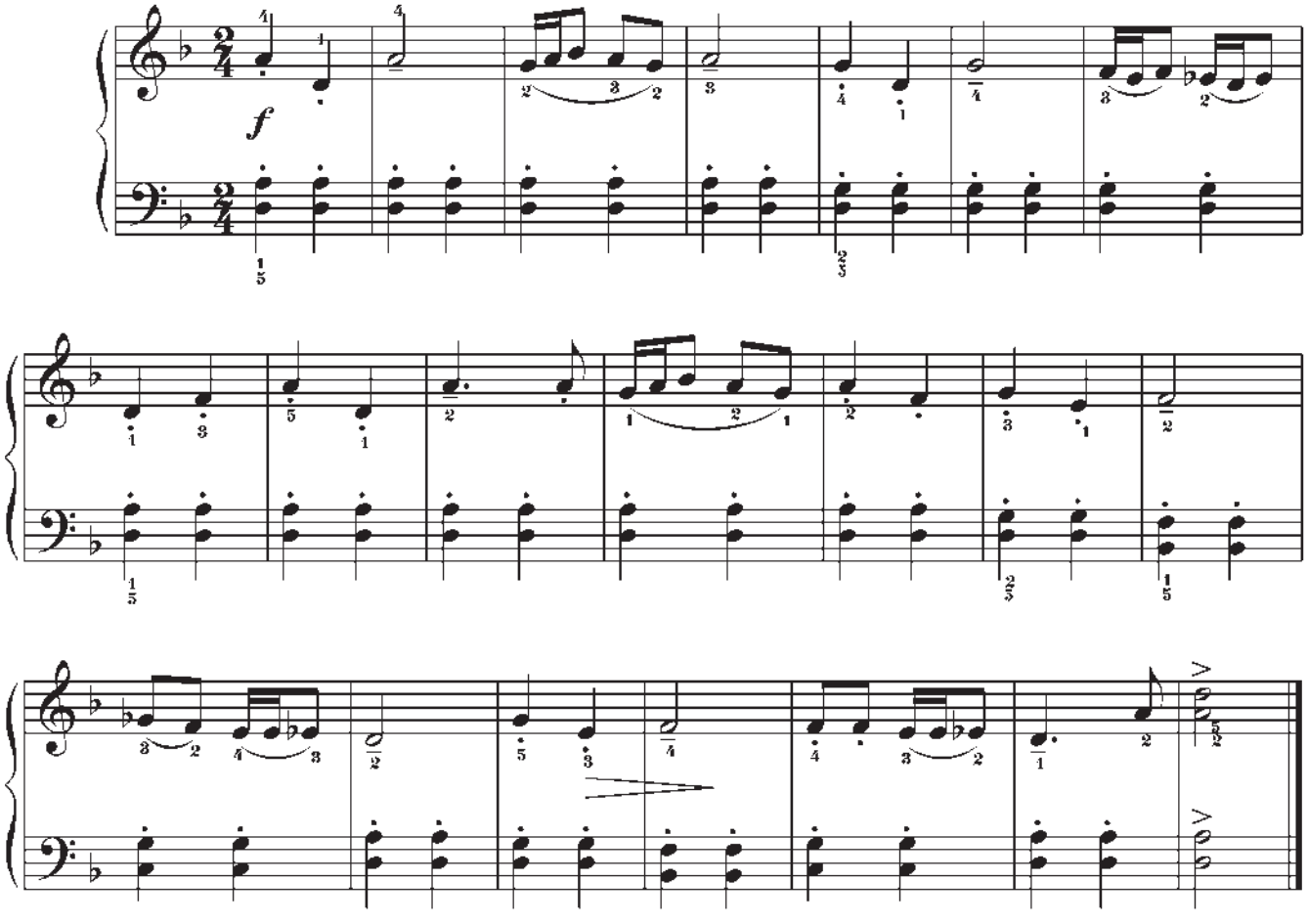
*Ýu. Nekrasow*



## 186. Kiçijik marş

*T. Öwezowa*

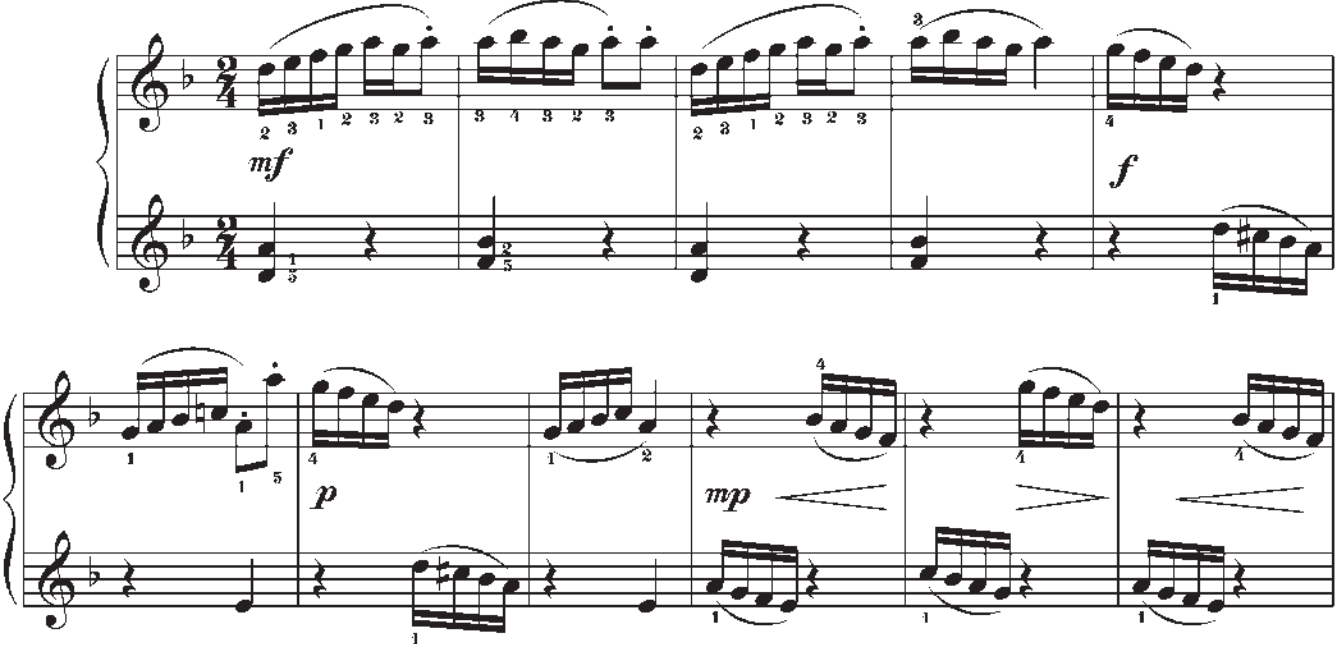
**Marş depginde**

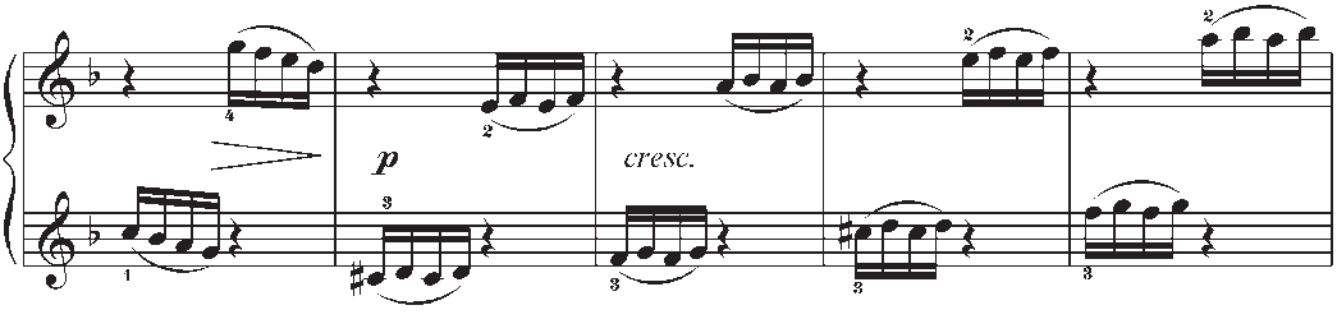


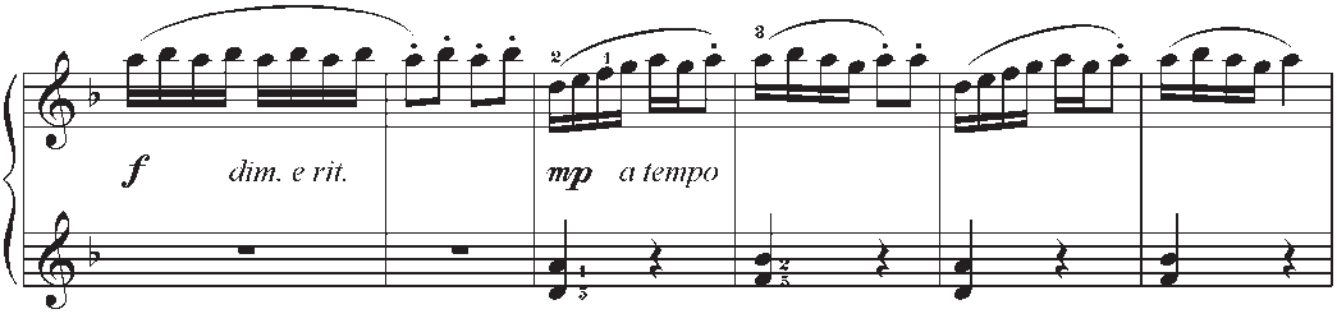

## 187. Etýud

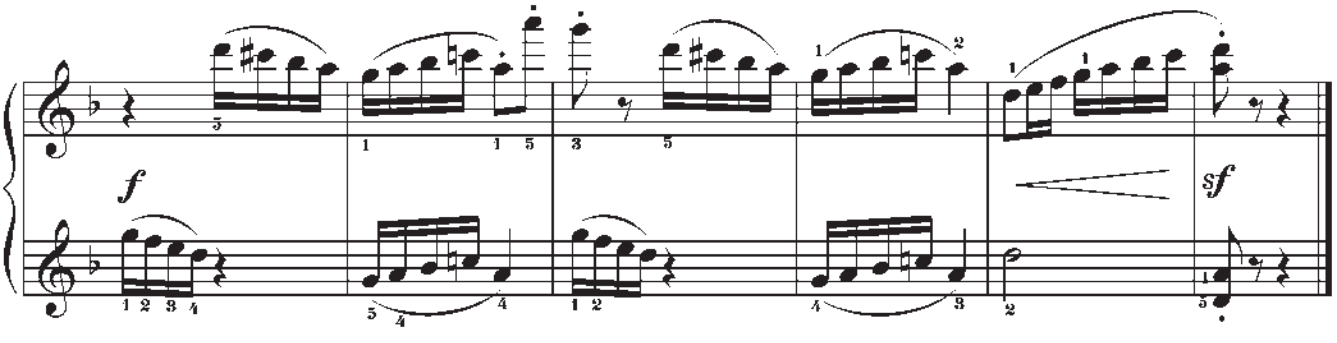
*Ç. Nurymow*

**Çalt**



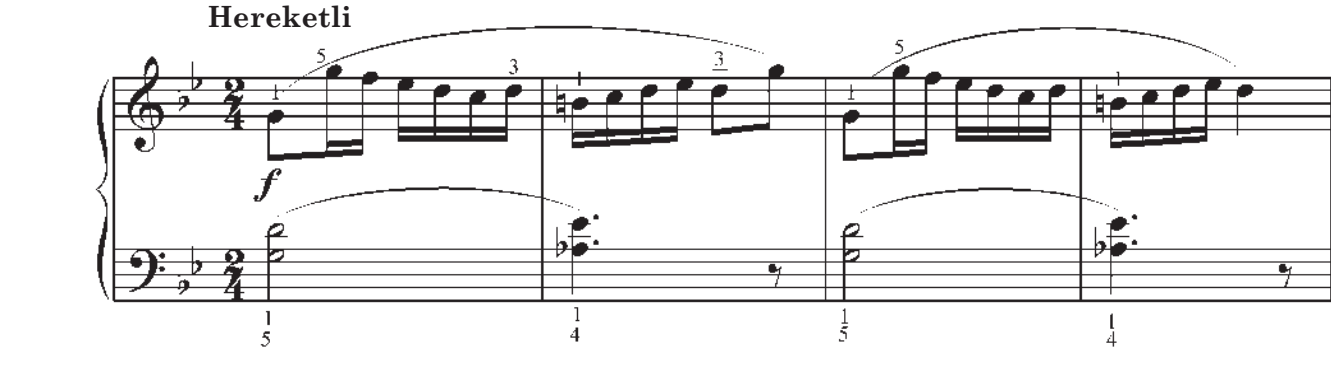


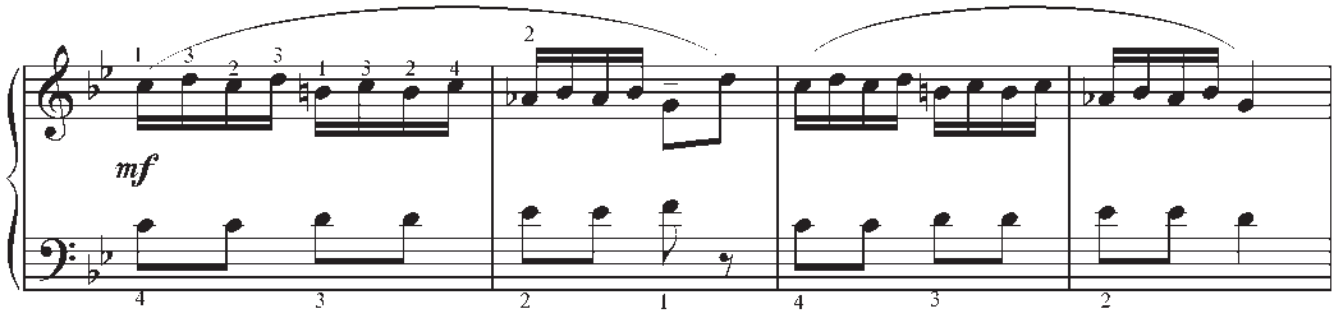



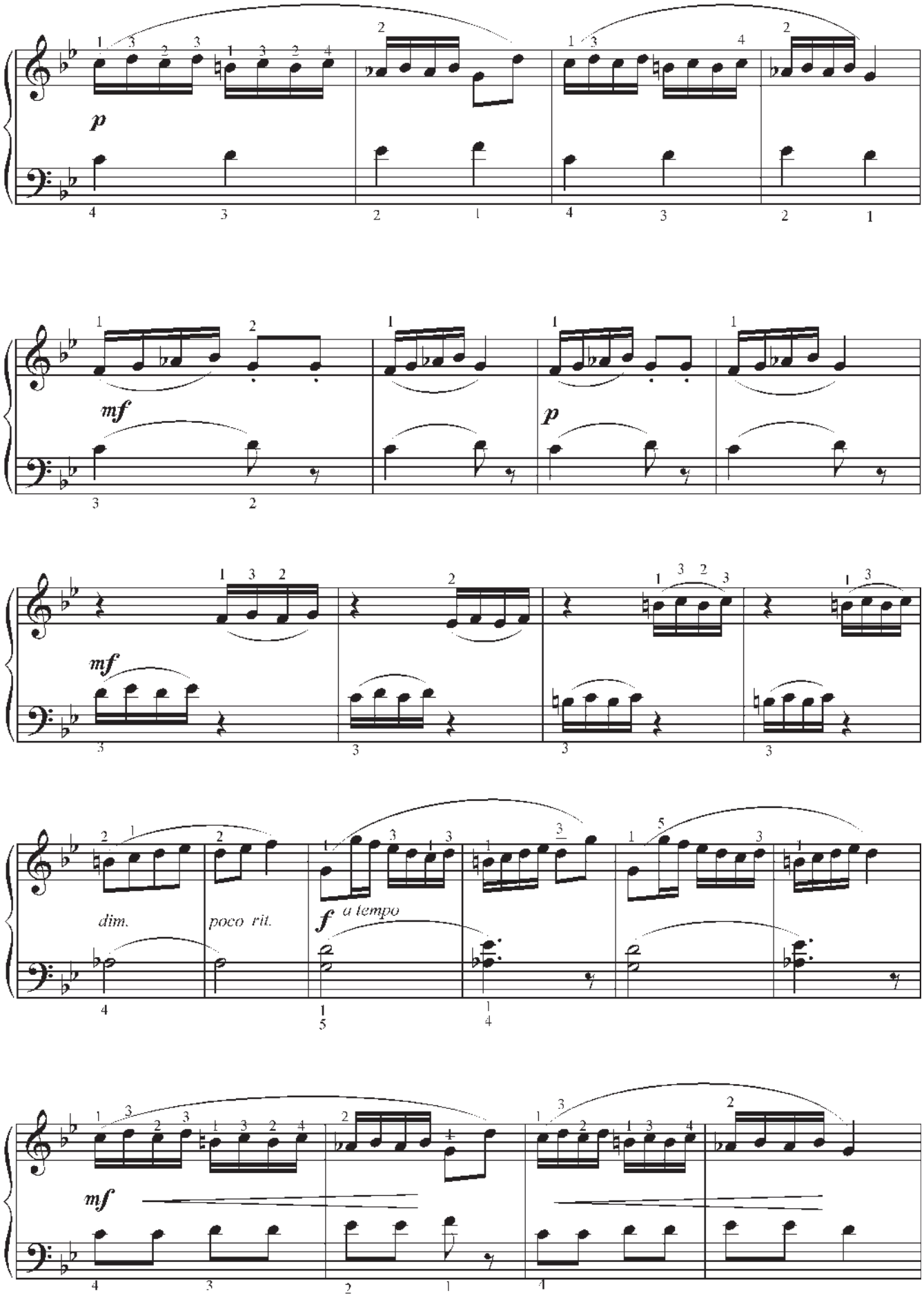



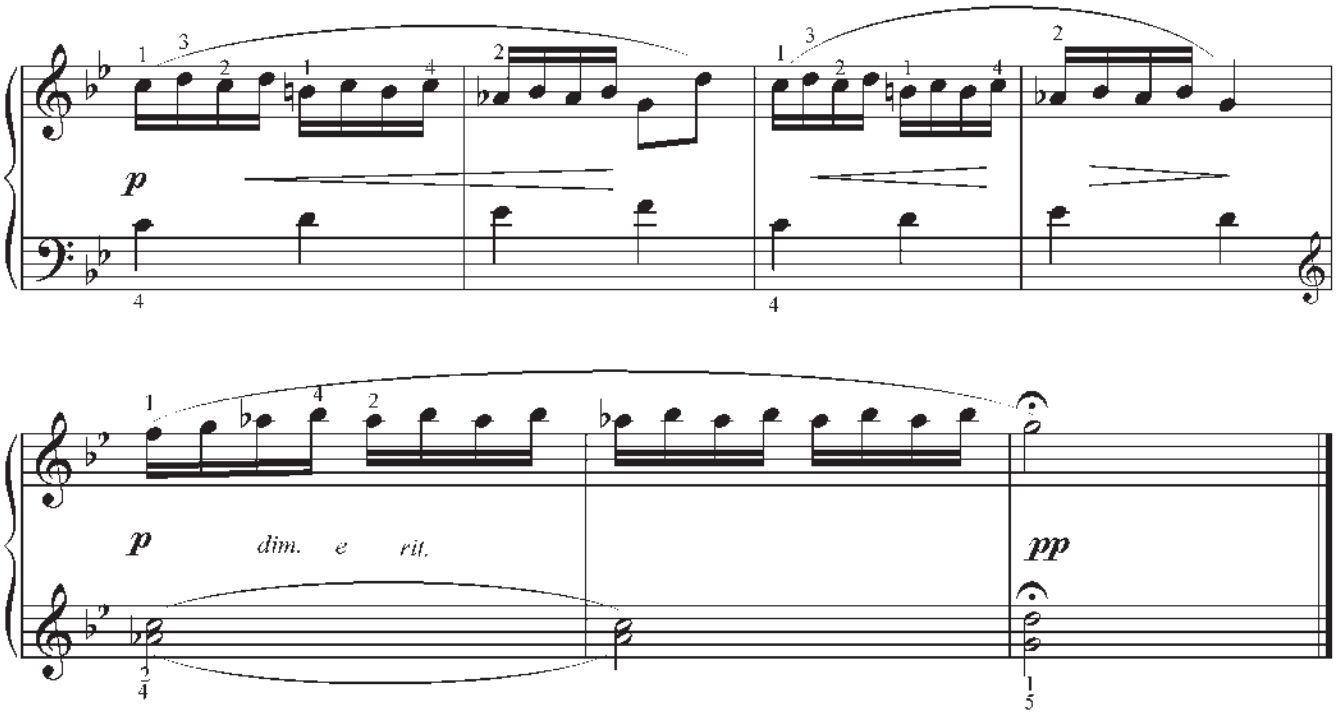

## 188. Etýud

*Ç. Nurymow*

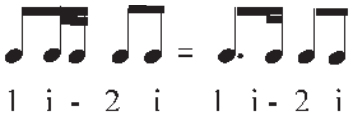



p
mf
p
mf
dim.
poco rit.
f
a tempo
mf



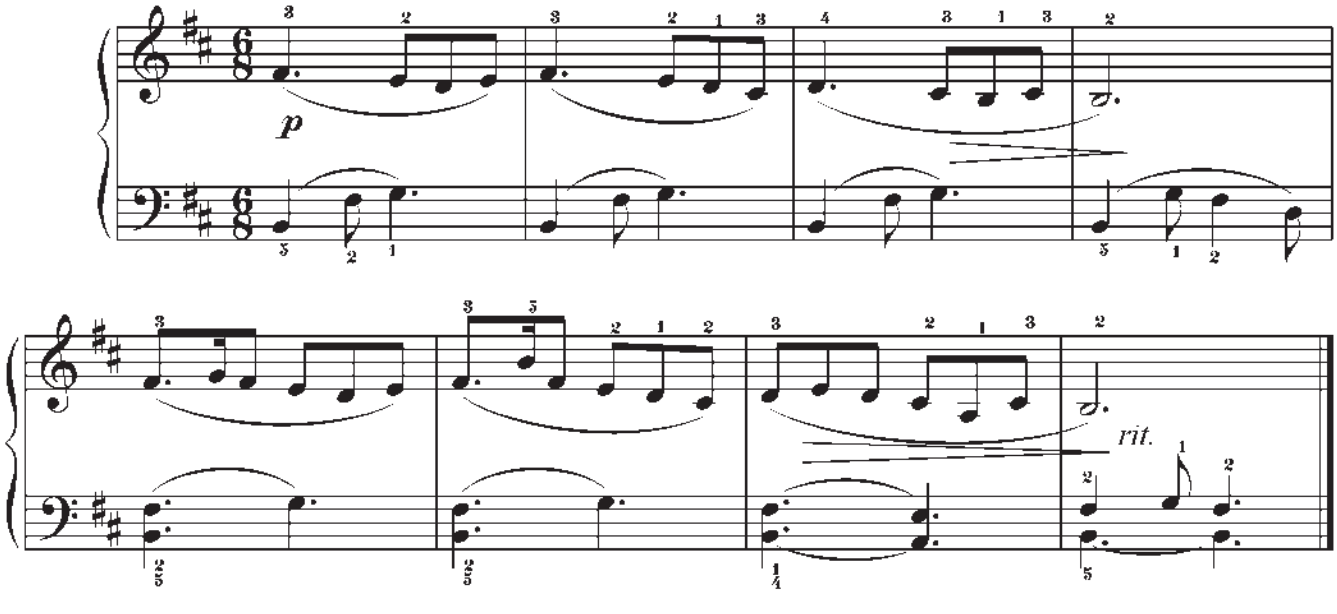

Täze kakuw ♫ sekizdenbirlik nota nokatly we onaltydanbirlik nota. Sekizdenbirlik notanyň ýanyndaky nokat notany bir onaltydanbirlik notanyň uzynlygy ýaly uzaldýar.




## 189. Andante

*H. Magtymgulyýew*

**Haýal**



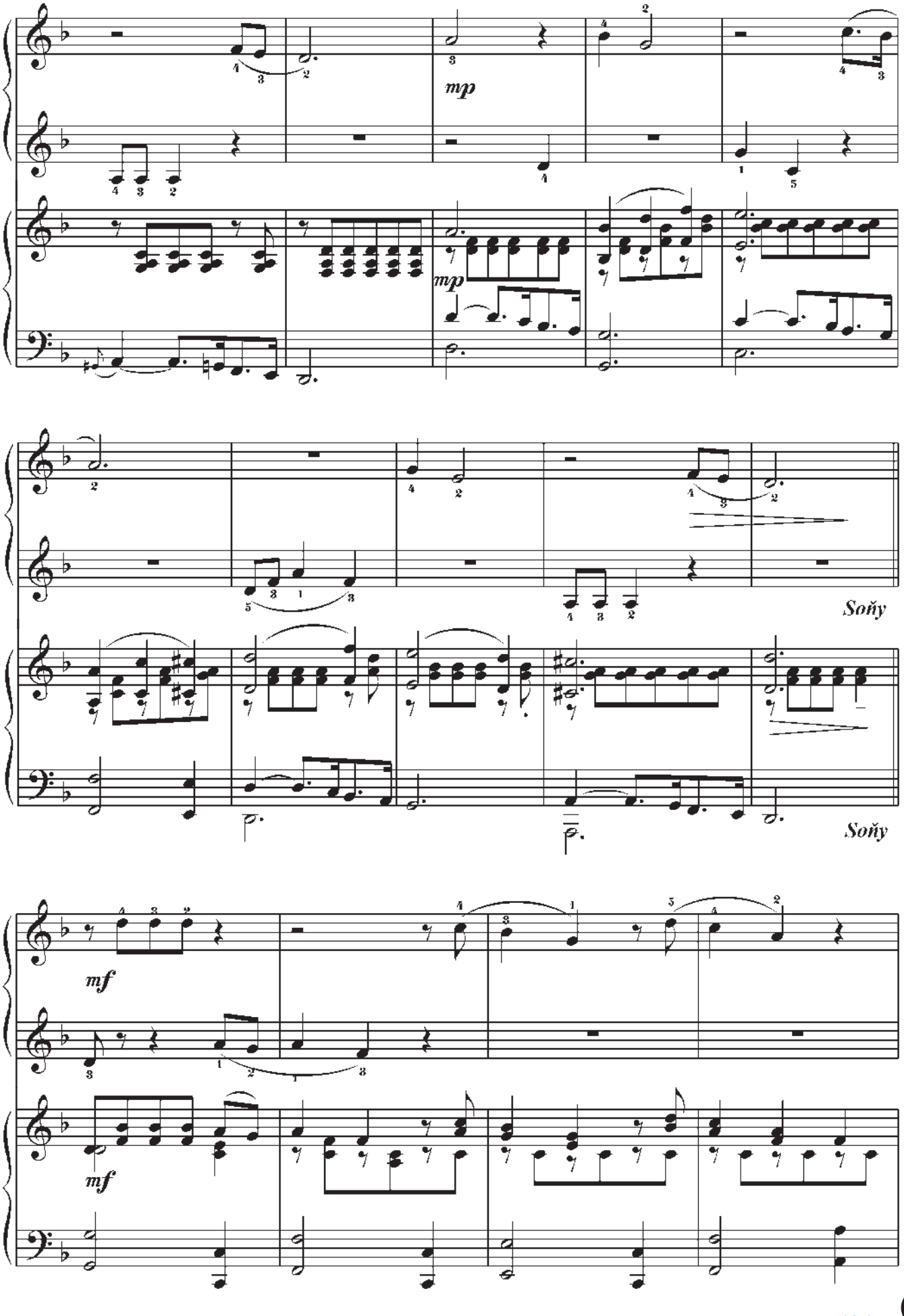
# 190. Ýollar

*A. Nowikow*
ansambla geçiren *A. Babaýewa*

**Aram tizlikde**

I

II


mp
mp
Soňy
Soňy
mf
mf

rit.

«Soňy» sözüne çenli gaýtalamaly

rit.

dim.

«Soňy» sözüne çenli gaýtalamaly

# XVII. GYSGAÇA SÖZLÜK

**Andante** – asuda

**Andantino** – andanteden hereketli

**Allegro** – çalt, begençli

**Allegro moderato** – aram çaltlykda

**Allegretto** – hereketli, allegrodan haýalrak

**Moderato** – aram tizlikde

**Adagio** – haýal, arkaýyn

**a tempo** – başdaky depginde

**Vivace** – janly, allegrodan çaltrak

**Presto** – çalt, vivaceden çaltrak

**Prestissimo** – has çaltrak, örän çalt

**Lento** – haýal, howlukman

**Largo** – örän haýal, giňden

**Menuet** – gadymy fransuz tansy, mylaýym aram depginde

**Fine** – soňy

**crescendo** (gysgaça *cresc.*) – sesiň güýjüni artdyrmak, güýçlendirmek

**diminuendo** (gysgaça dim.) – sesiň güýjüni kemeltmek

**ritenuto** (gysgaça rit.) – haýallatmak

**poco a poco** – ýuwaş-ýuwaşdan

**dolce** – mylaýym

## 191. Kirpi

*W. Abaýewa*

Moderato

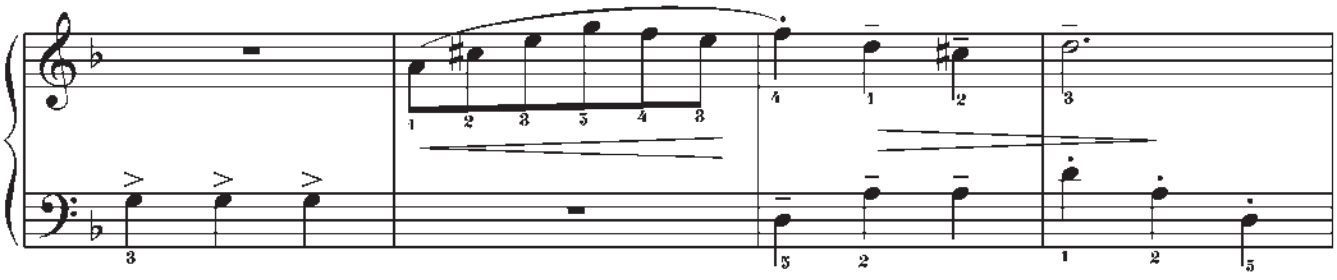
*mp* *p* *mp* *f* *p*

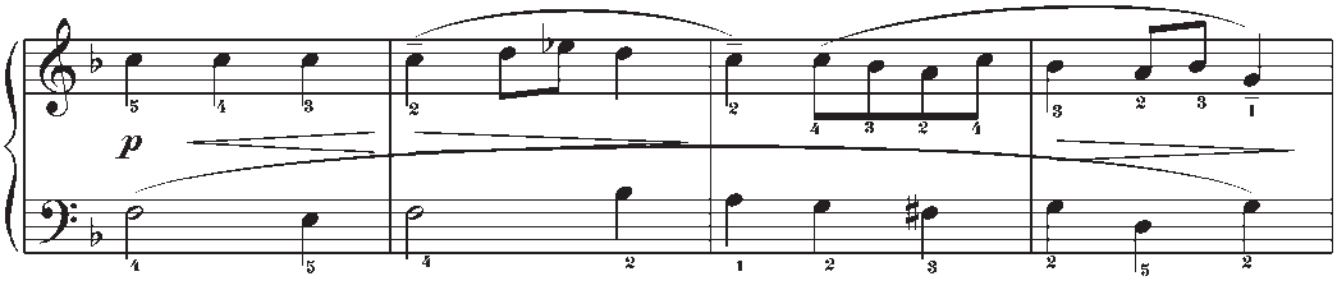
## 192. Menuet

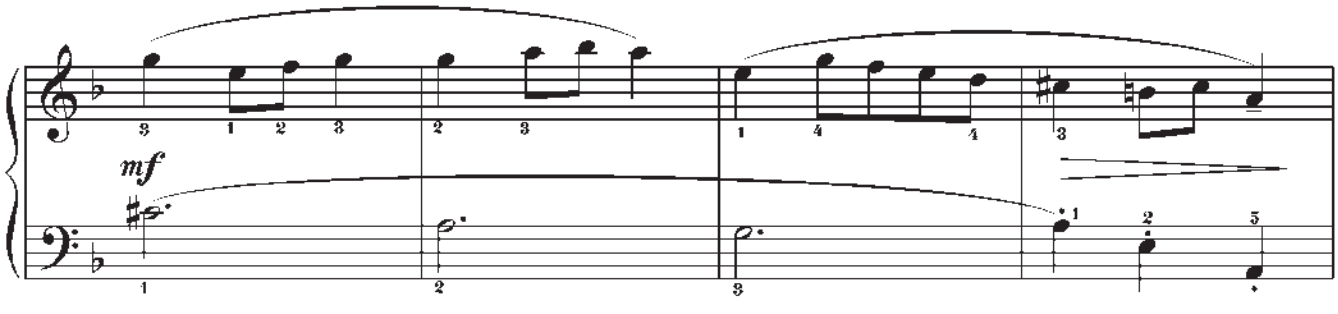
*W. Mosart*

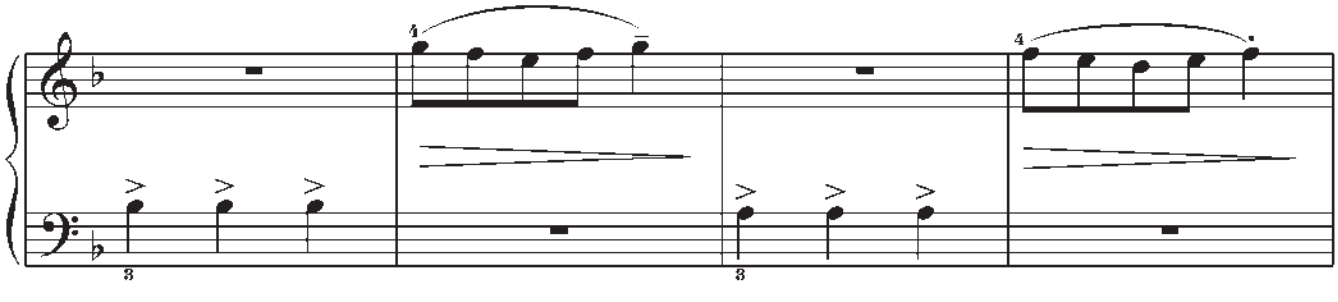
Moderato

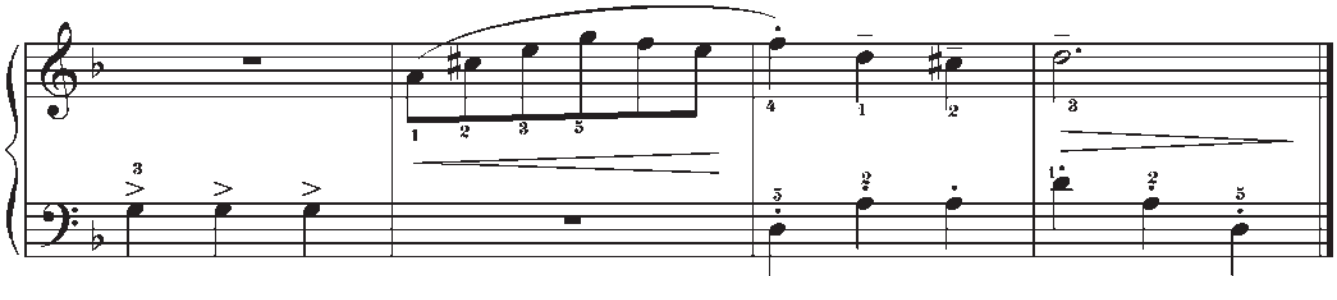
*mf* *f*



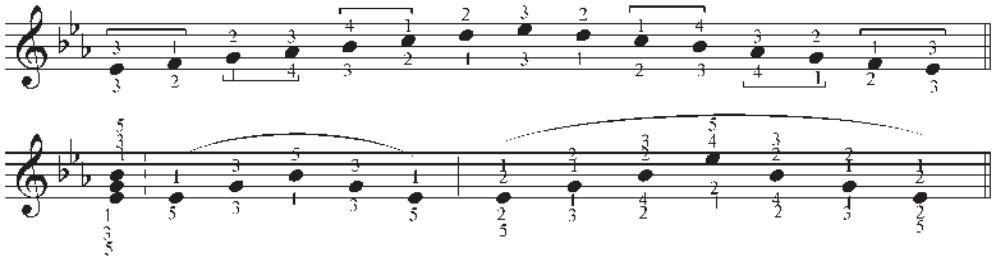

p


mf





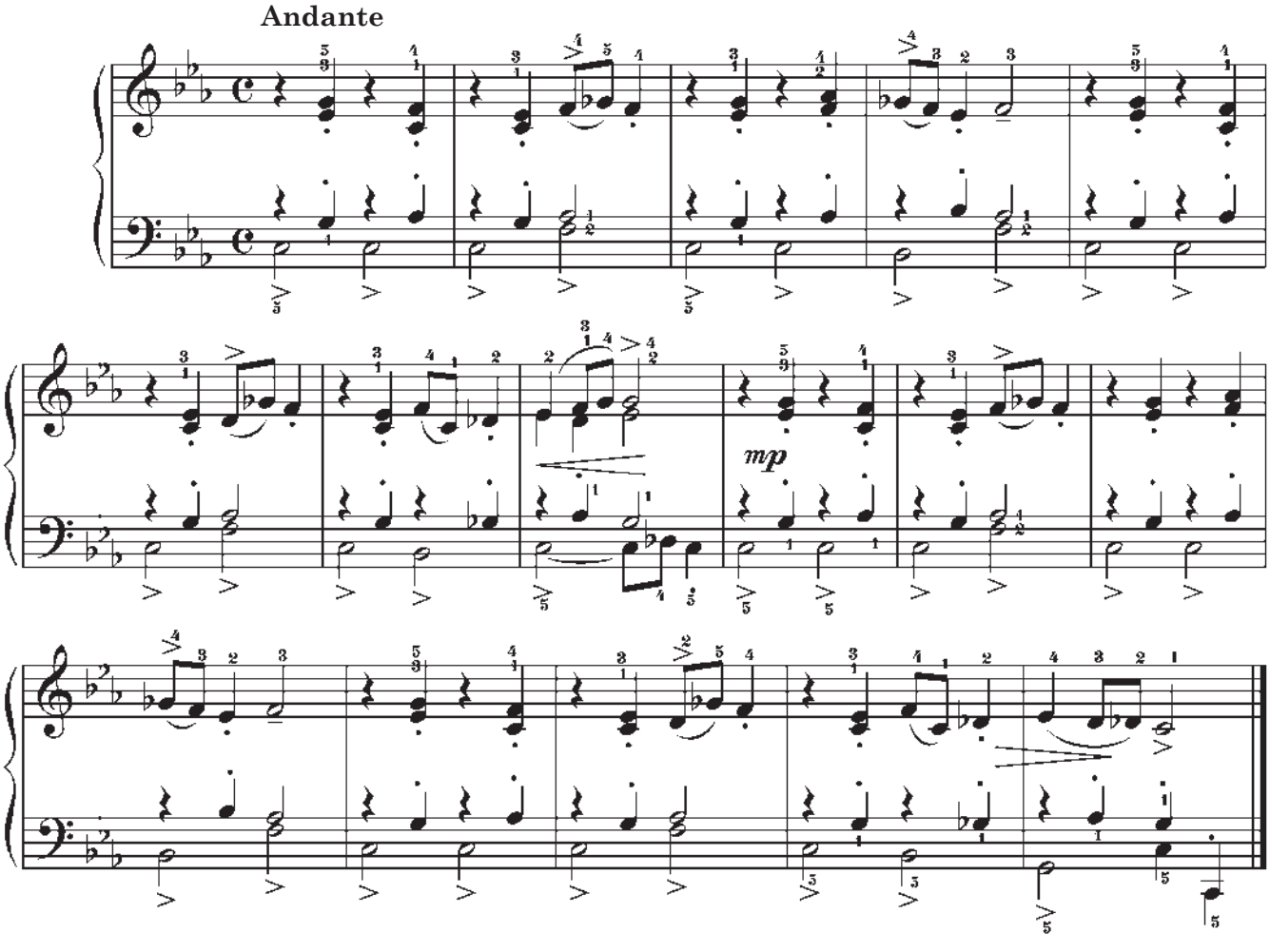
Üç belgili (*si bemol, mi bemol, lýa bemol*) **Mi bemol mažor** ses hatary:



## 193. Gurbaga

*T. Öwezowa*

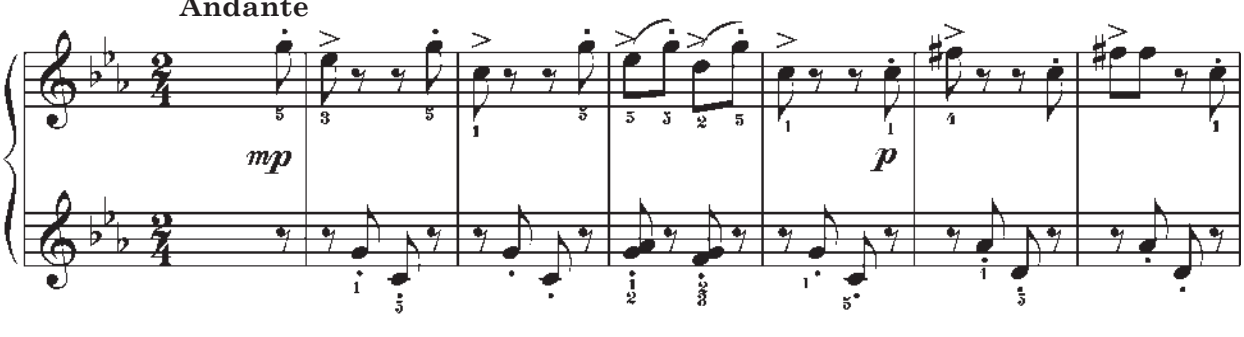
**Andante**

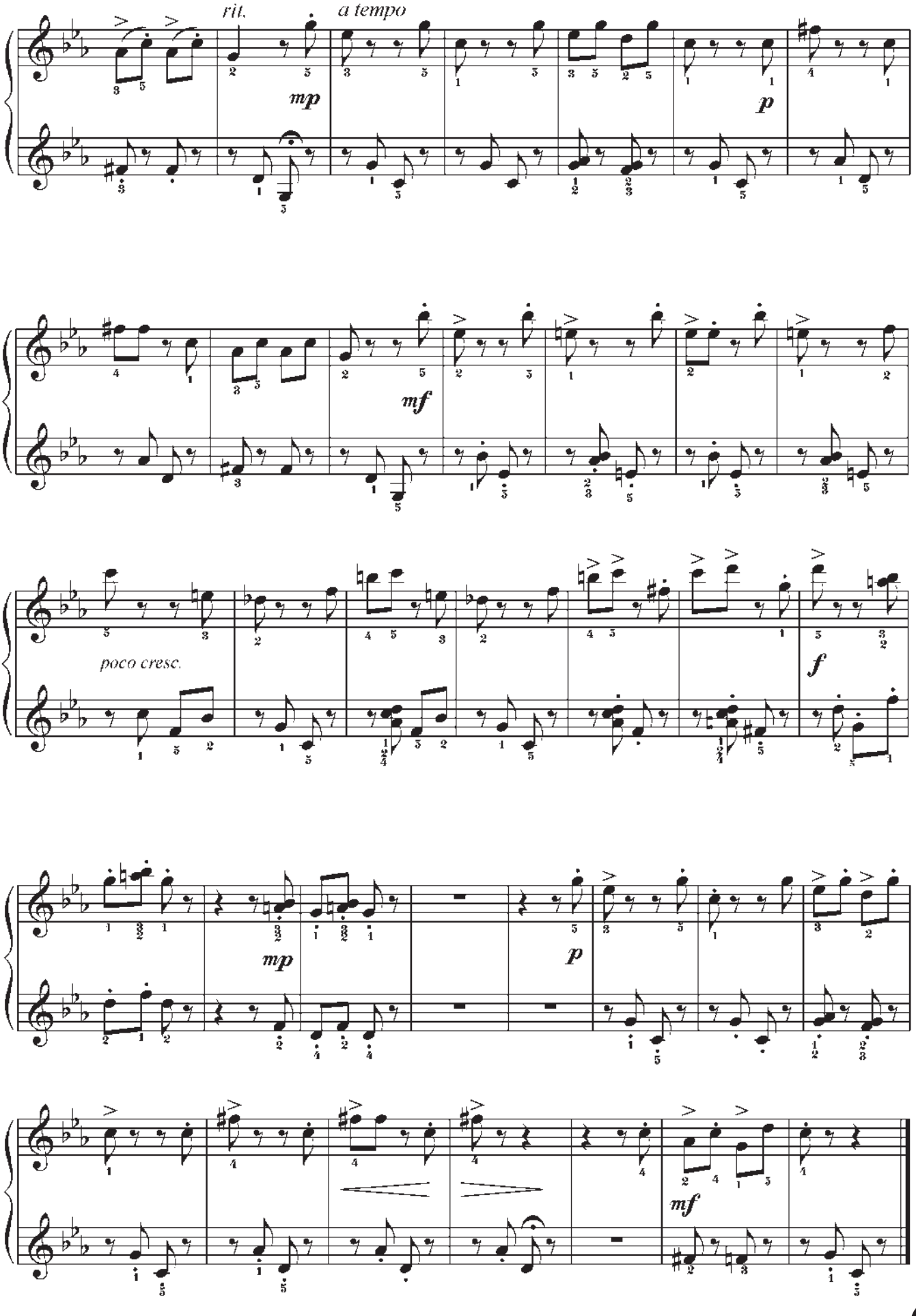



## 194. Guşjagaz

*W. Abaýewa*

**Andante**




rit.
a tempo
mp
p
mf
poco cresc.
f
mp
p
mf

# 195. Läle

(*Türkmen aýdymy*)

Täzeden işlän *A. Babaýew*

1

Andante

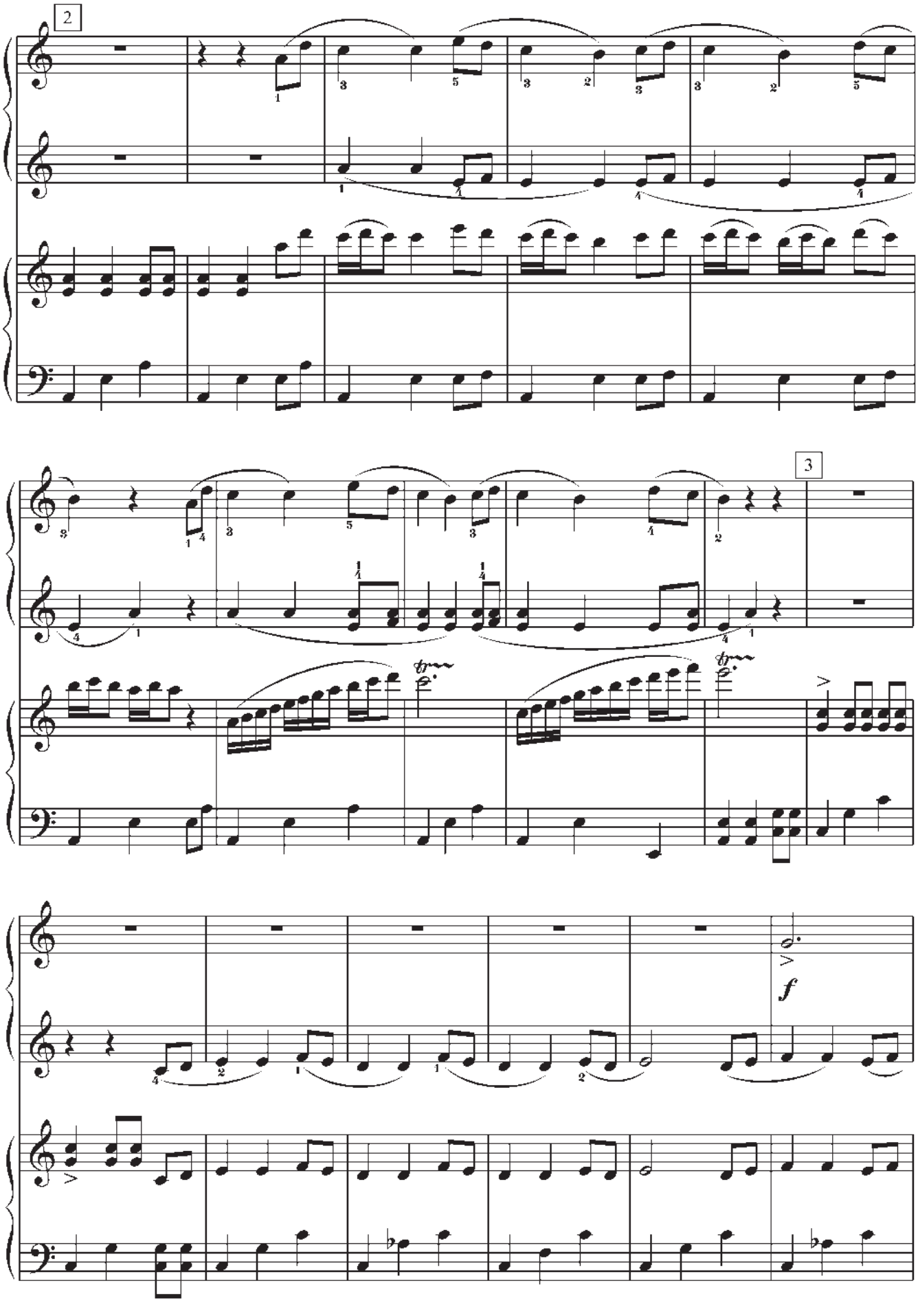
I

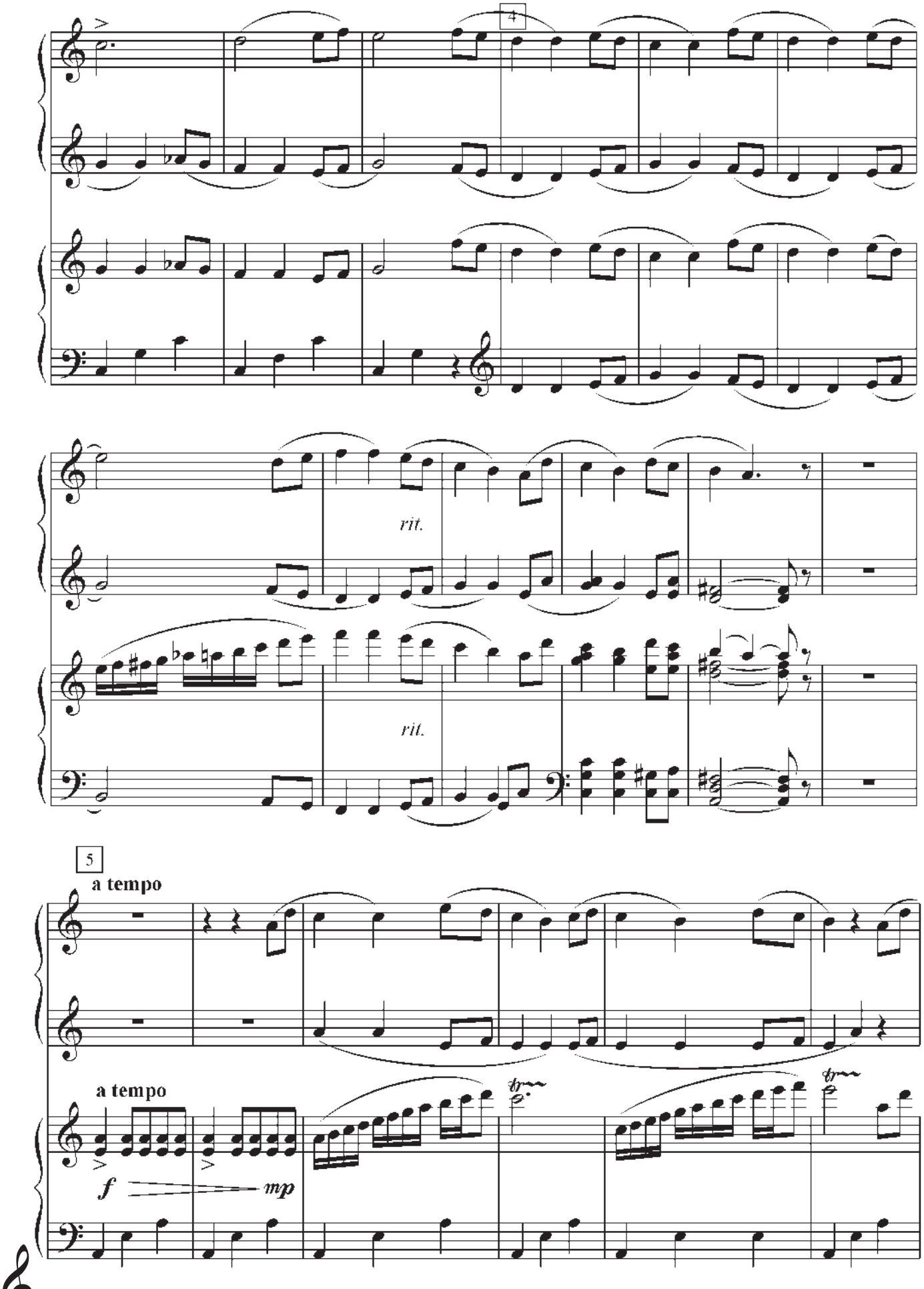
II

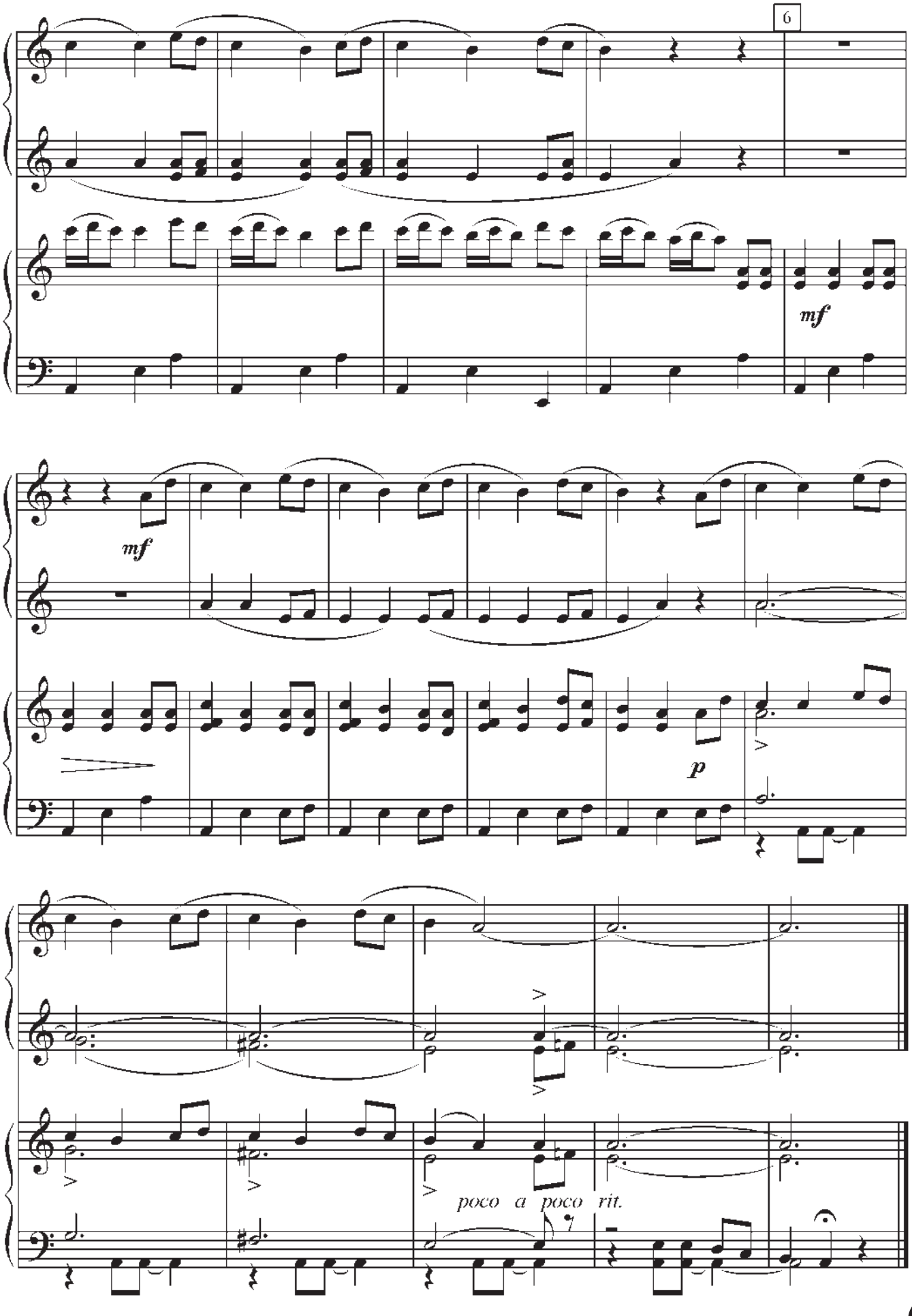
*mf*

*mf*

*p*


2
3
f


4
rit.
rit.
5
a tempo
a tempo
f
mp


6
mf
mf
p
poco a poco rit.

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