

THE SECRETS OF ORCHESTRATION

CHORD VOICING

ROVSHAN ASGARZADE

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This online orchestration course is based on the curriculum lectures of “Orchestration” taught to **Azerbaijan National Conservatory** “Composition” major undergraduate students in the 2nd and 3rd semesters.

Rovshan Asgarzade is an instructor orchestration in “Conducting” department at Azerbaijan National Conservatory

Azərbaycan Milli Konservatoriyası
“Musiqi tarixi və nəzəriyyəsi” Fakültəsi
Elmi Şurasının 16 dekabr 2020-ci il
tarixli iclasının 04 sayılı protokolundan

QƏRAR

Bakı şəhəri

№ 74 «16» Dekabr 2020-ci il

Qərar: “Dirijorluq” kafedrasının müəllimi Əsgərzadə Rövşənin tərtib etdiyi Bəstəkarlıq ixtisasında bakalavr dərəcəsi alan tələbələr üçün “Orkestrləşdirmə” adlı fənnindən program təsdiq edilsin.

Leyhinə - 12
Əleyhinə - 0

FƏŞ-nin sədri :  /C.B.Mirzəyeva /
Elmi katib:  /Z.R.Hüseynova /



Academic Sources

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4. Samuel Adler – The study of orchestration, 2002
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7. Charles-Marie Widor – The technique of the modern orchestra, 1906
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13. Alfred Blatter – Instrumentation and Orchestration, 1997
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15. Nicolas Slonimsky – Thesaurus of scales and melodic patterns, 1975
16. Glen Miller – Method for orchestral arranging, 1943
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19. Крунтяева Т., Молокова Н. - Словарь иностранных музыкальных терминов, 1988
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22. Joseph Schillinger – Theory of Orchestration



PART ONE

Orchestral Chord Voicings

Chapter 4. String Section

Lectures

Chord voicing in 2,3,4-parts harmony



Chapter 4.
String Section
Chord voicing in 2,3,4-parts harmony
Lecture 16a.
Violin (double-stops)



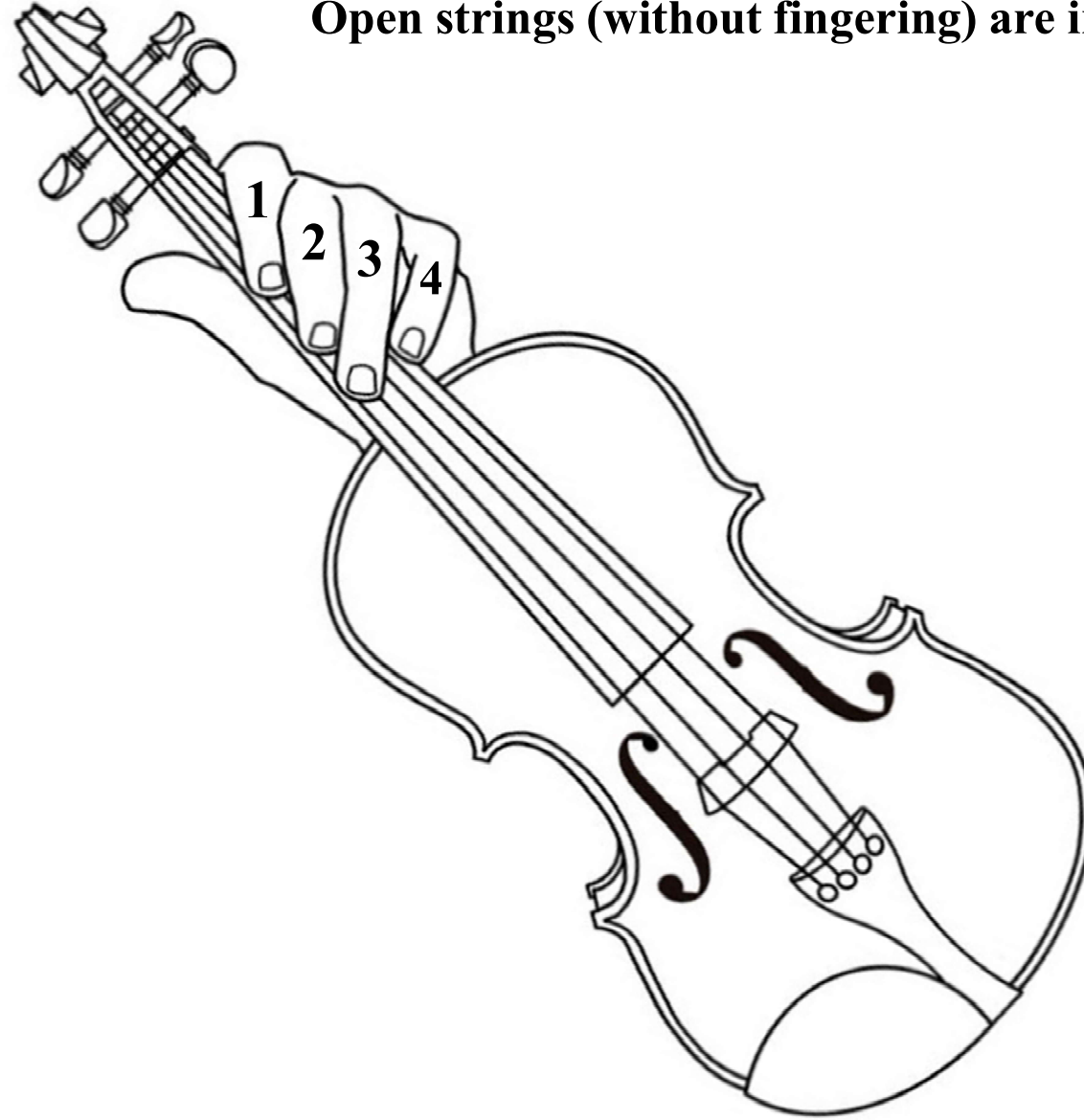


Violin strings

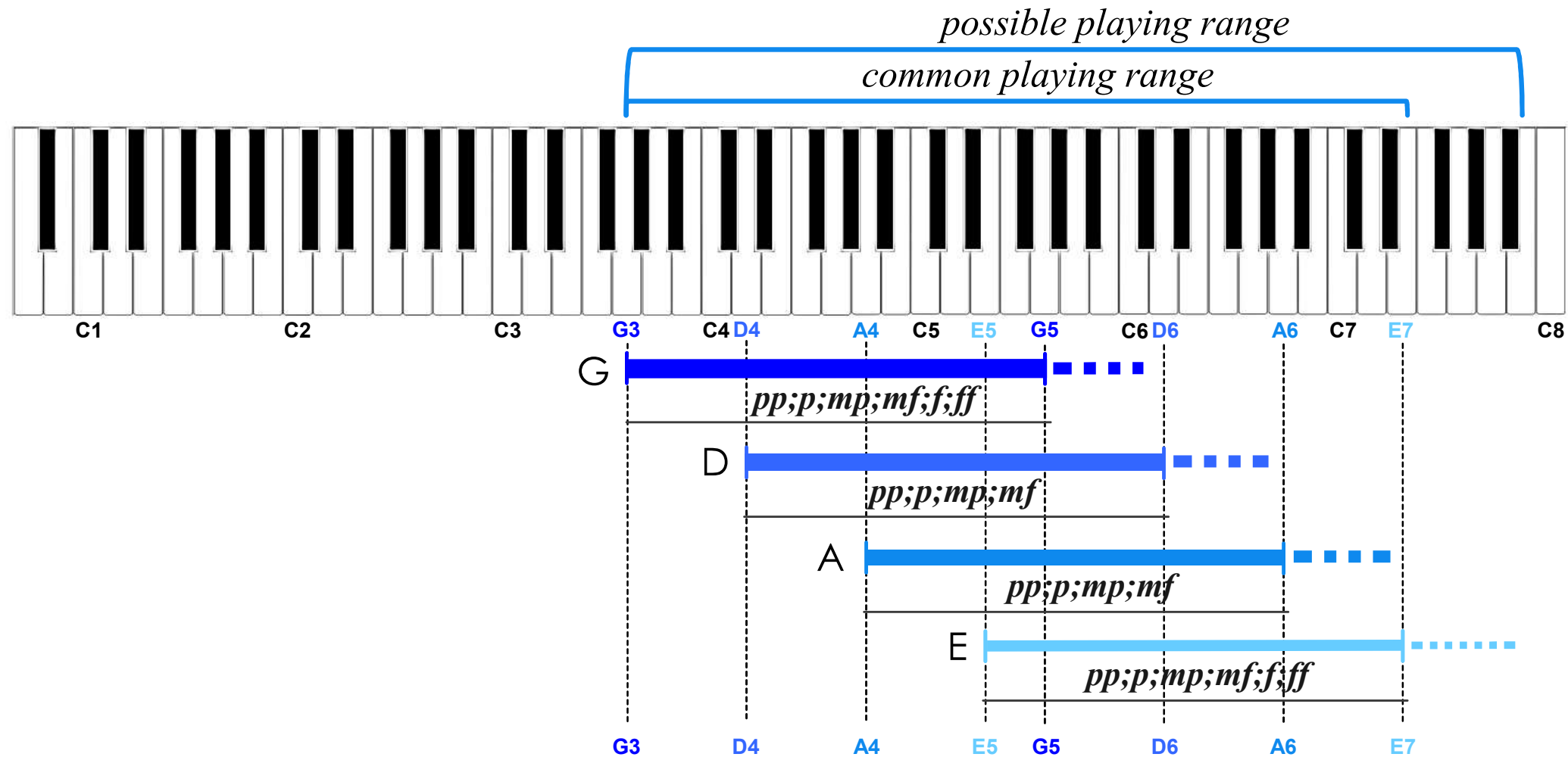
I	E	
II	A	
III	D	
IV	G	



Open strings (without fingering) are indicated by the number 0



Violin



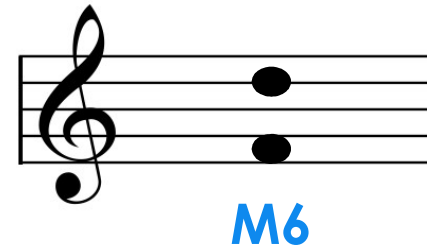
N.B. This graphic shows the range without harmonics.
The top note is indefinite and can be even higher than the B7.



Double - Stops

Fingered strings

Easy: **M6-m6;**

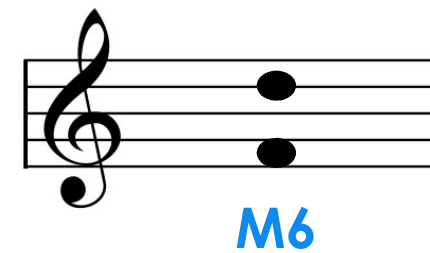




Double - Stops

Fingered strings

Easy: **M6-m6;**

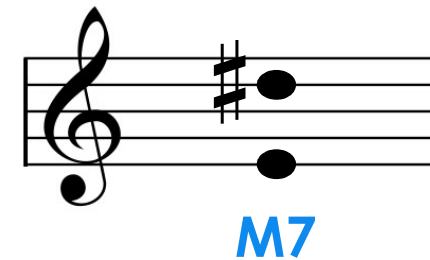




Double - Stops

Fingered strings

Easy: M6-m6; M7-m7-Dim7;





Fingered strings

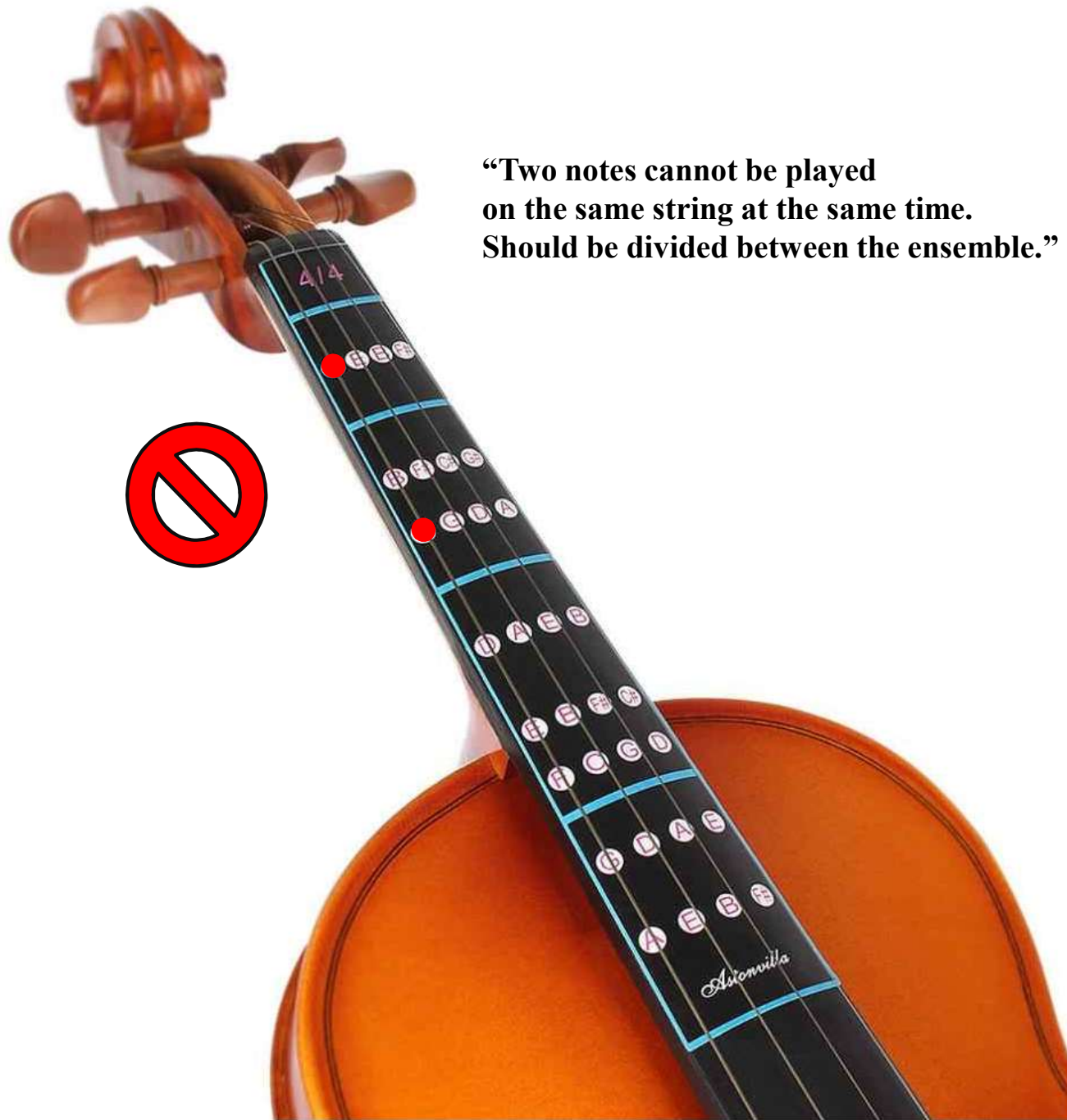




Fingered strings

A musical staff with a treble clef. A flat symbol (b) is placed above the staff. Two whole notes are shown, both on the second line of the staff (F4). The interval between them is labeled 'm3' in blue text below the staff.



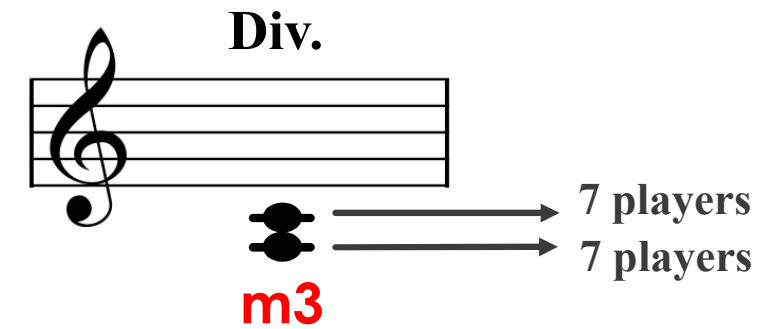


“Two notes cannot be played
on the same string at the same time.
Should be divided between the ensemble.”

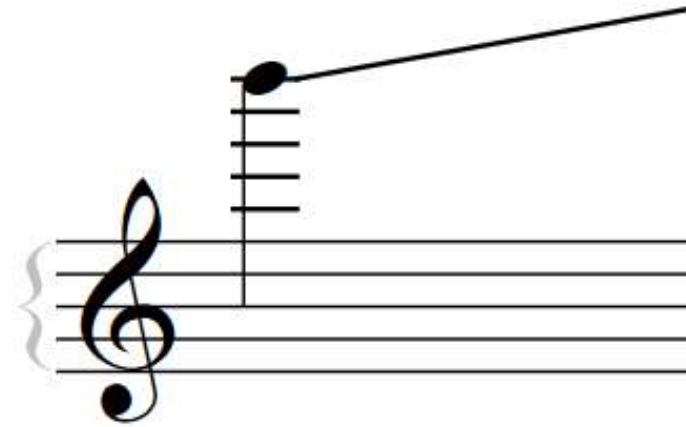
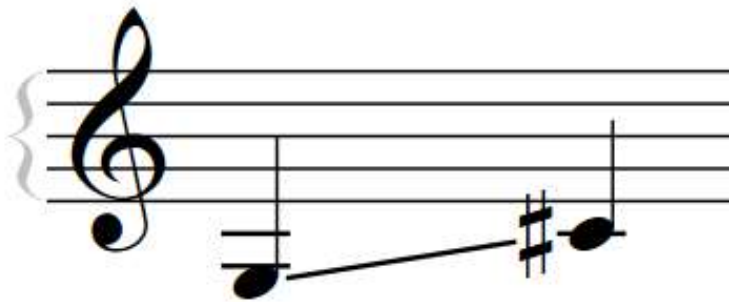
Double - Stops

Fingered strings

Easy: **M6-m6**; **M7-m7-Dim7**; **M3-m3**



All chords from the open **G3** to **C#4**, and then from **B6** up, the pitches are available on one string only.

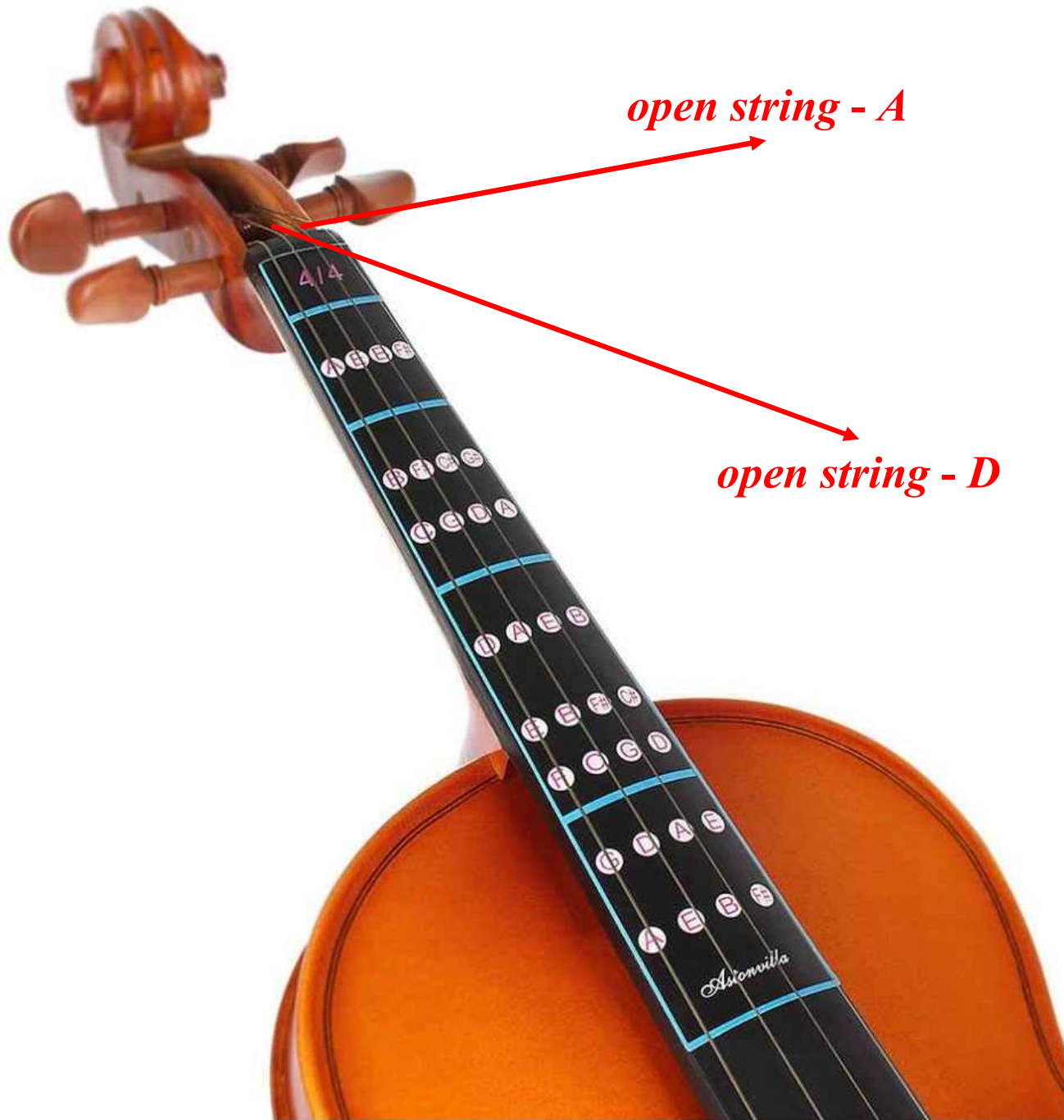




Fingered strings

Possible: P4-Aug4;





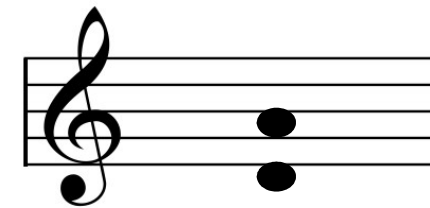
Double - Stops

Fingered strings

Easy: M6-m6; M7-m7-Dim7; M3-m3

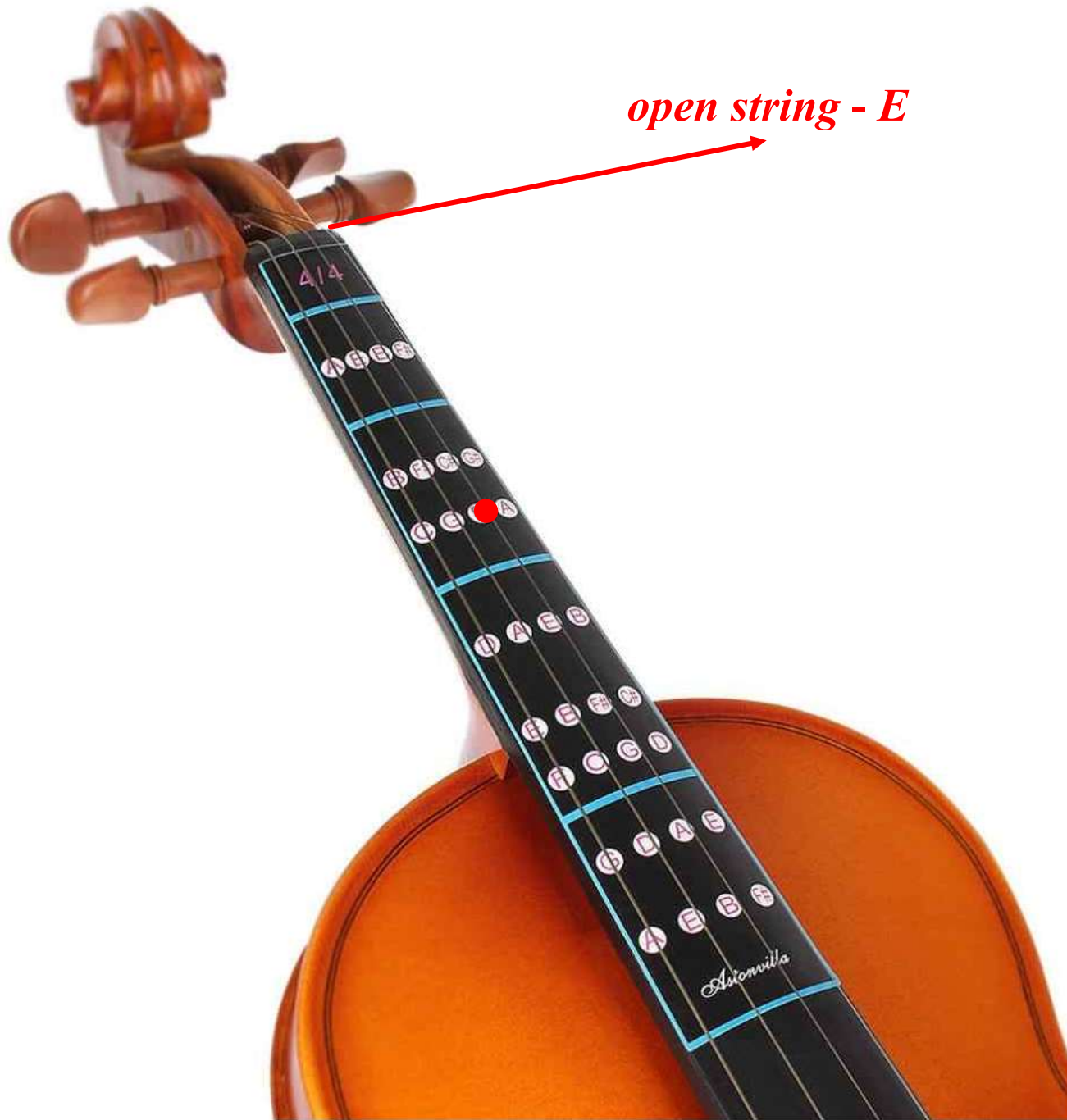
Possible: P4-Aug4; Dim5-P5-Aug5;

Open strings



P5





open string - E

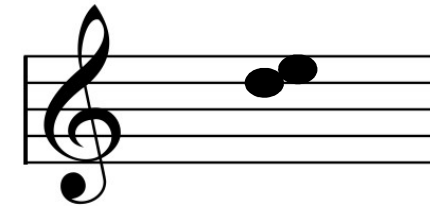
Double - Stops

Fingered strings

Easy: **M6-m6; M7-m7-Dim7; M3-m3**

Possible: **P4-Aug4; Dim5-P5-Aug5;**

Open and fingered strings



M2



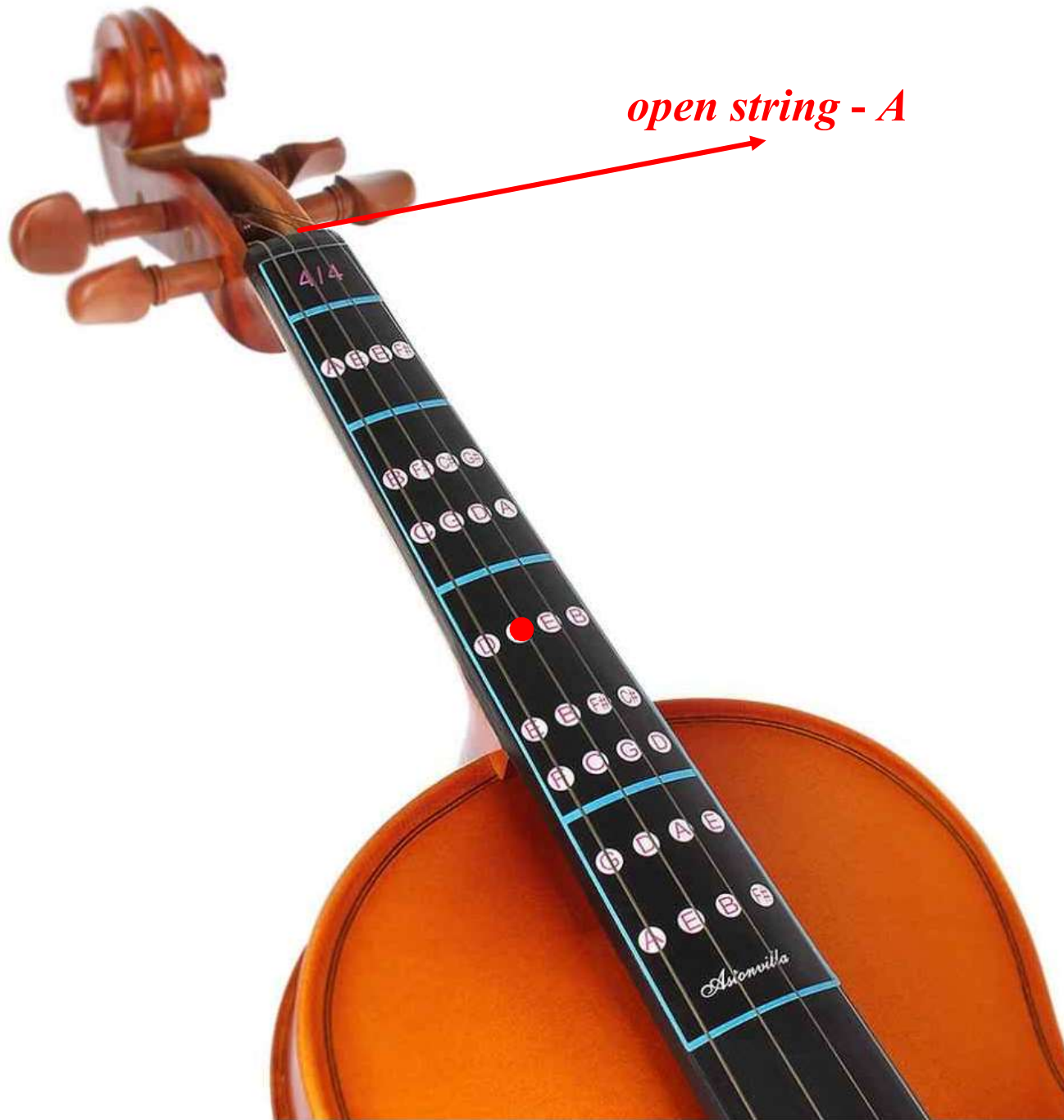


Fingered strings

Possible: P4-Aug4; Dim5-P5-Aug5;

The first measure of the melody is written on a five-line staff with a treble clef. It contains a single half note on the second line, which represents the pitch G4.

M10



open string - A

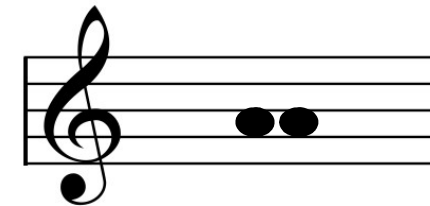
Double - Stops

Fingered strings

Easy: M6-m6; M7-m7-Dim7; M3-m3

Possible: P4-Aug4; Dim5-P5-Aug5;

Open and fingered strings



P1



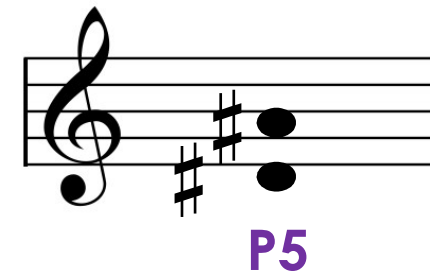


Double - Stops

Fingered strings

Easy: M6-m6; M7-m7-Dim7; M3-m3

Possible: P4-Aug4; Dim5-P5-Aug5;





Double - Stops

Fingered strings

Easy: M6-m6; M7-m7-Dim7; M3-m3

Possible: P4-Aug4; Dim5-P5-Aug5;





Fingered strings

Possible: P4-Aug4; Dim5-P5-Aug5; P8; M2





Double - Stops

Fingered strings

Easy: M6-m6; M7-m7-Dim7; M3-m3

Possible: P4-Aug4; Dim5-P5-Aug5; P8; M2



M2





Fingered strings

Risky: m2





Fingered strings

Risky: m2



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Online Orchestration Course
by Rovshan Asgarzade

secretsoforchestration@gmail.com



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