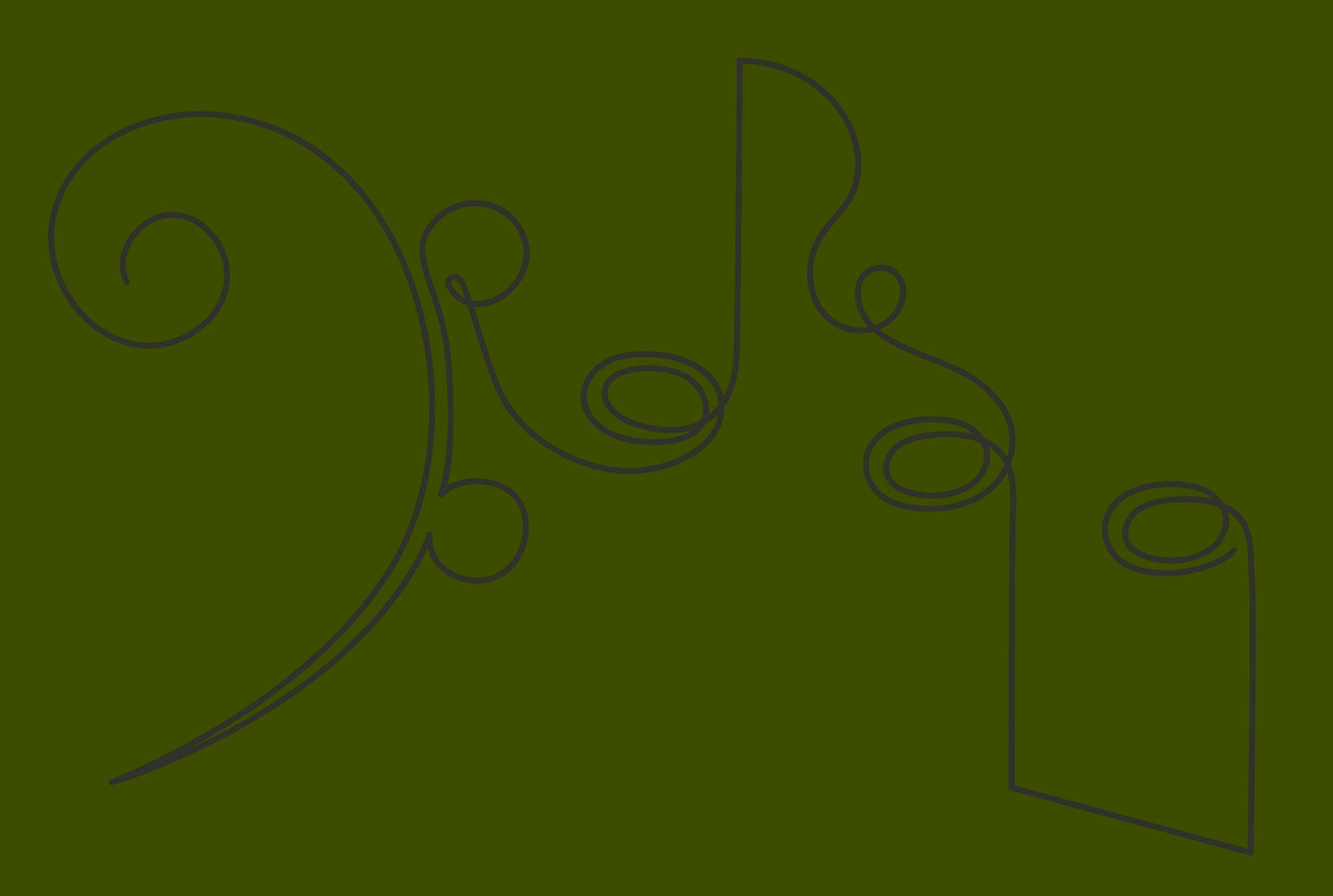
Practice Techniques



RICHARD AARON



ABOUT THIS COURSE

Looking for new ways to keep your practice fresh? Join renowned pedagogue Richard Aaron as he shares exercises to make your practice sessions more effective and engaging.

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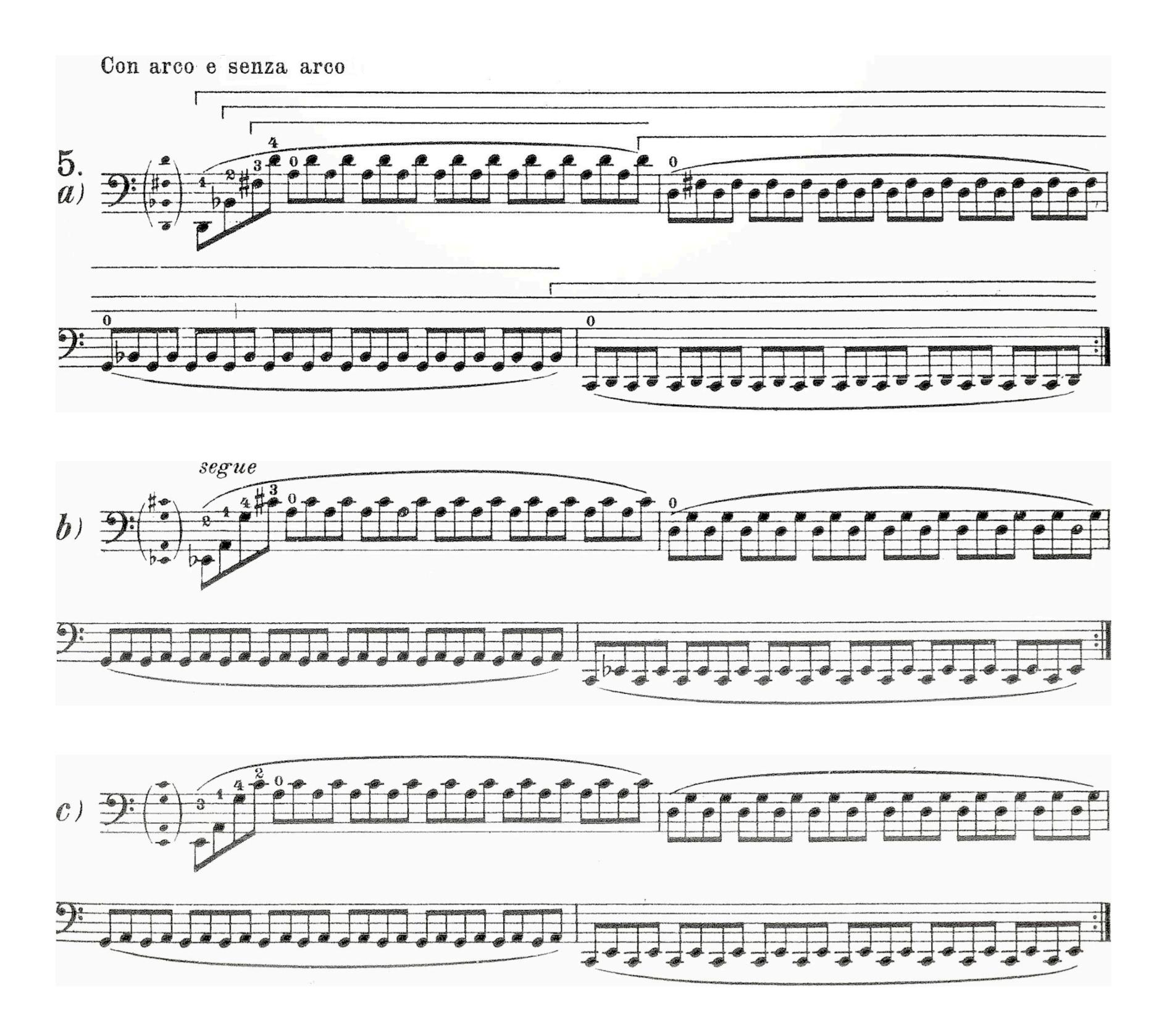
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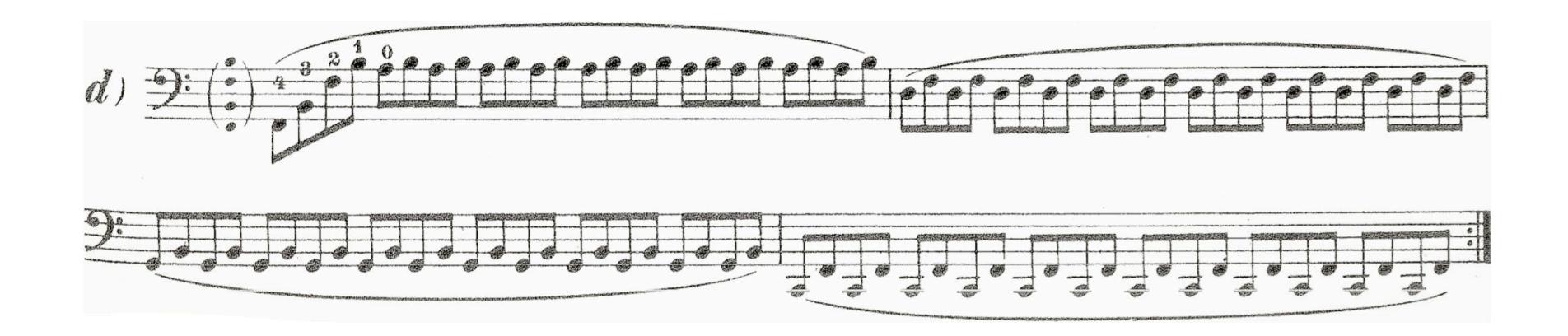


How to Warm Up the Left Hand

When you're about to perform but you can't play while you're backstage, silent finger exercises can be an excellent way to warm up the left hand and improve dexterity.

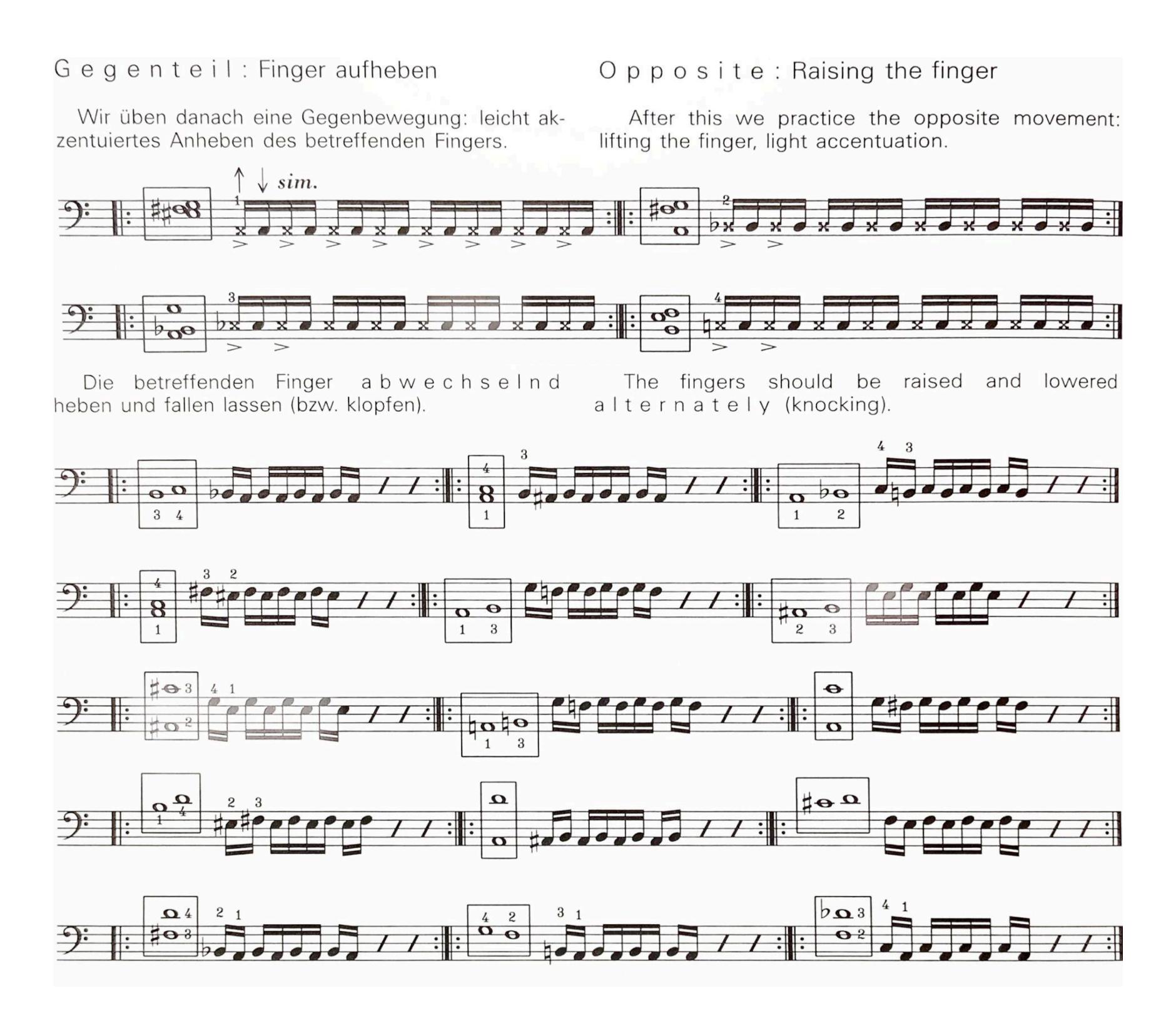
A great exercise comes from Aldo Pais's Cello Technique (for the Left Hand):

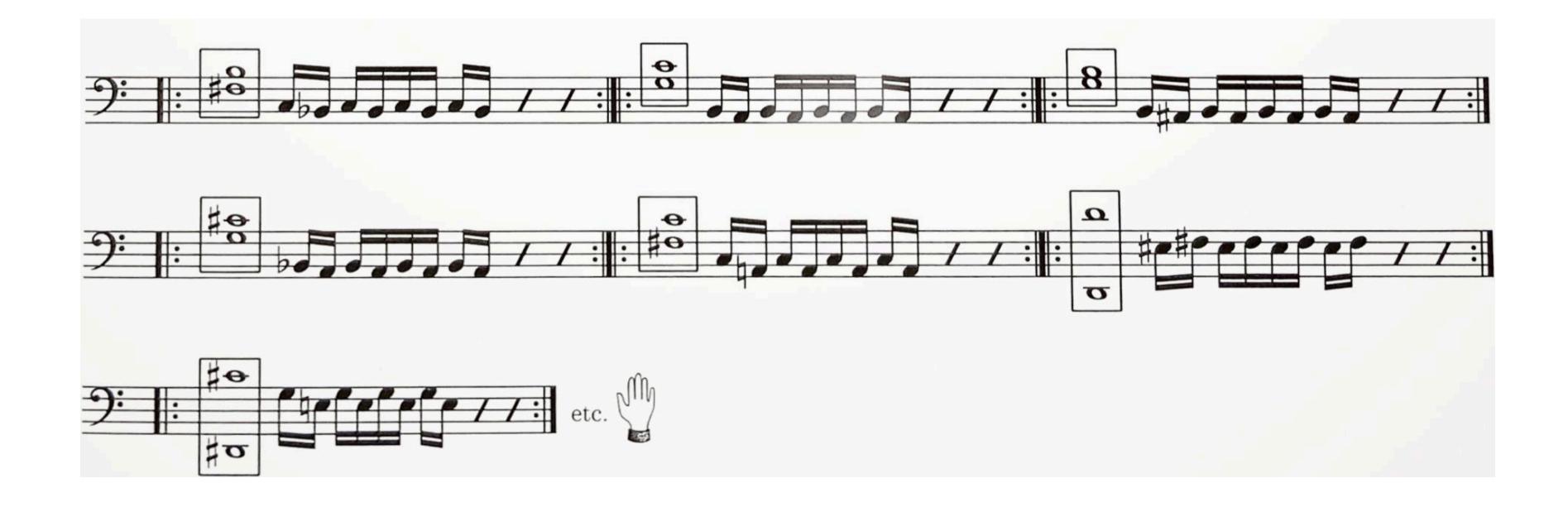




Place all your fingers lightly on different strings without pressing down, and gently tap each finger on the string. At first, it may not feel like much, but over time, you'll notice improvements in coordination. Keep your fingers relaxed throughout.

Another useful exercise is from W. Thomas-Mifune's Daily Exercises for Cello:





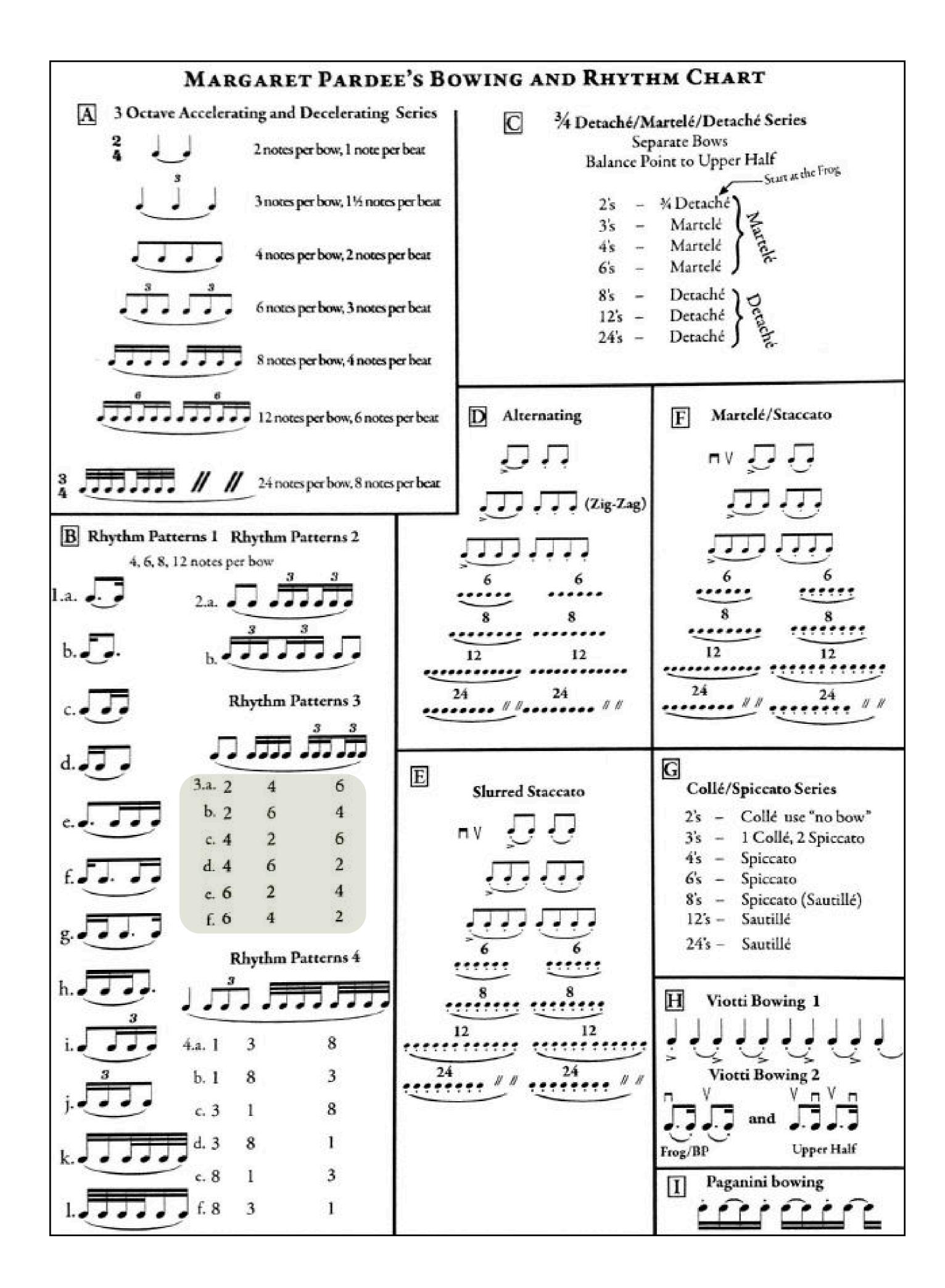
Similar in concept, this exercise involves placing fingers 3 and 4 on one string while tapping fingers 2 and 1 on another.

You can also practice away from the cello by placing your fingers on a flat surface, like a table, and tapping through different finger combinations. Doing this for just five minutes a day helps with coordination and warms up your hand effectively.

Scale Patterns and Rhythms

Richard Aaron introduces four of his favorite bowing patterns and rhythms. With these tools, scale practice can become not only more productive but also more enjoyable! The first resource is from Margaret Pardee, an assistant to Ivan Galamian. Here's a breakdown of each section of the chart:

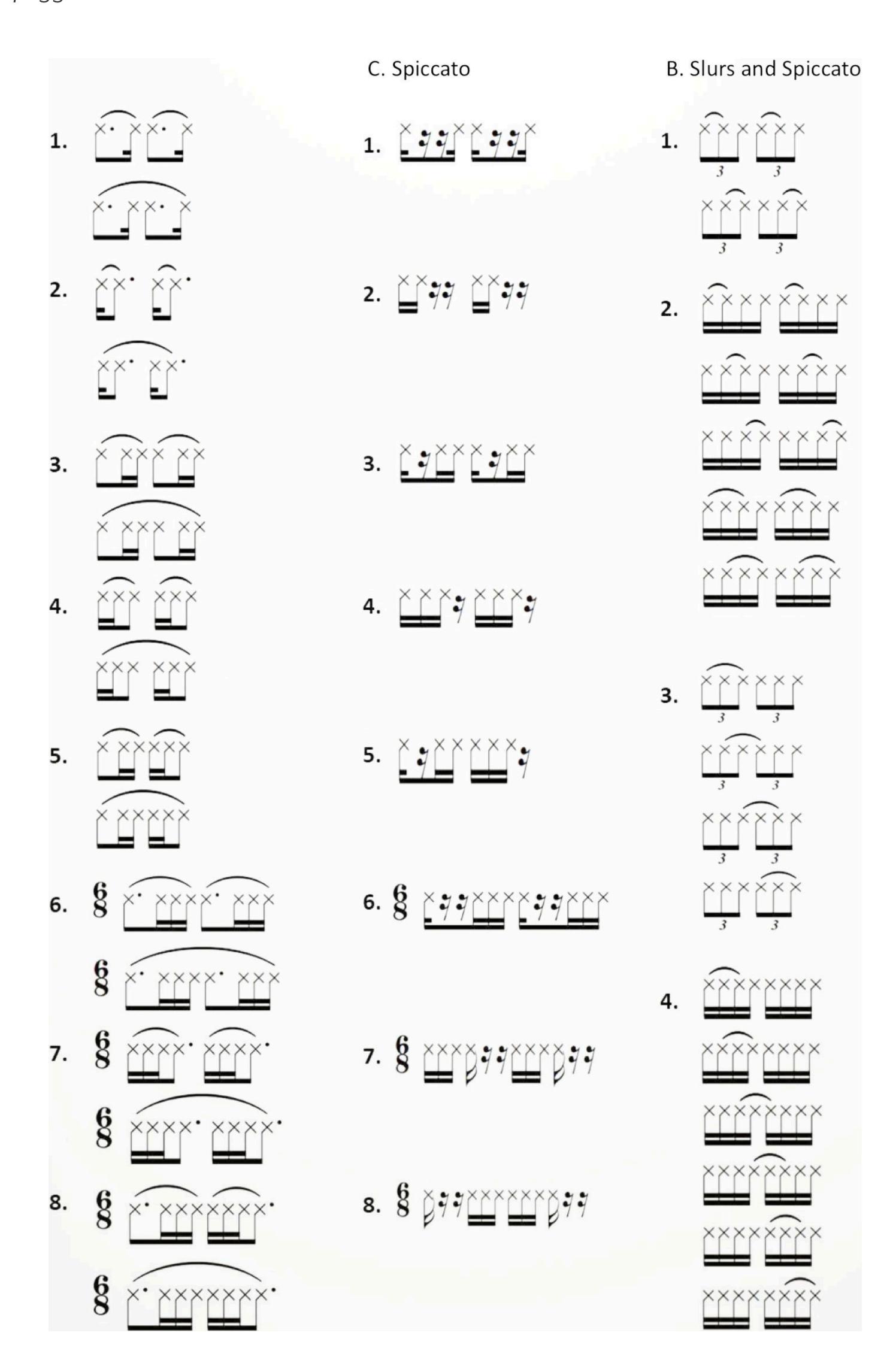
- A: Dividing the bow into 2, 3, 4, 6, 8, 12, or 24 notes per bow;
- **B:** Rhythm patterns;
- C: Detaché and martelé in various parts of the bow;
- **D:** Staccato;
- E: Slurred staccato;
- F: Staccato/martelé;
- G: Collé/spiccato
- **H:** Viotti bowings;
- I: Paganini bowing.



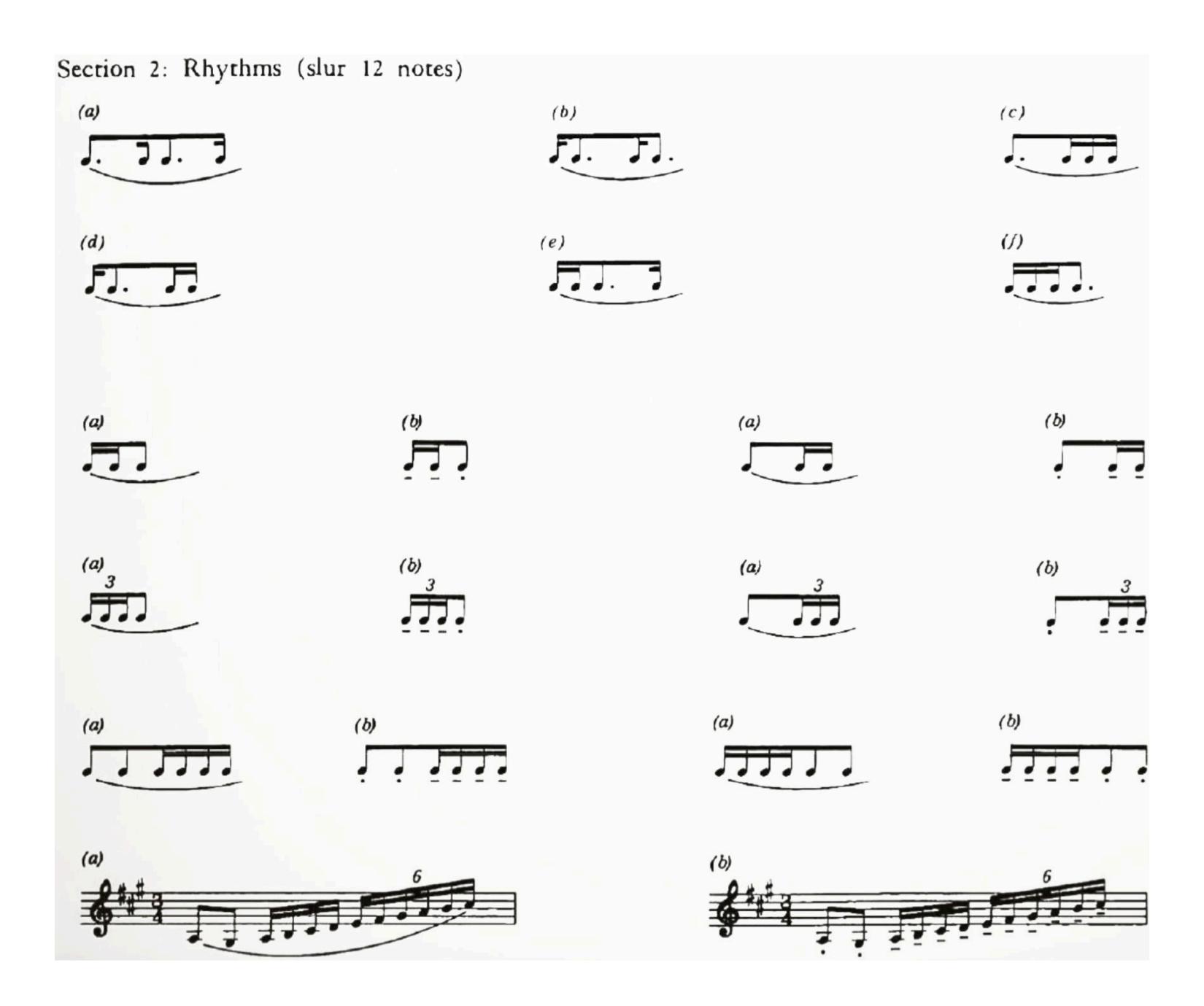
This highlighted exercise from the **B** section can be interpreted in three ways:

- 1. Play in one bow, interpreting the numbers as rhythmic values (e.g., 2 for eighth notes, 4 for sixteenth notes, 6 for sextuplets).
- 2. Play the notes rhythmically even, but change the bow direction according to the numbers (e.g., 2 notes in a down-bow, 4 notes in an up-bow, 6 notes in a down-bow).
- 3. Interpret the numbers as rhythm while playing all notes separately in the bow.

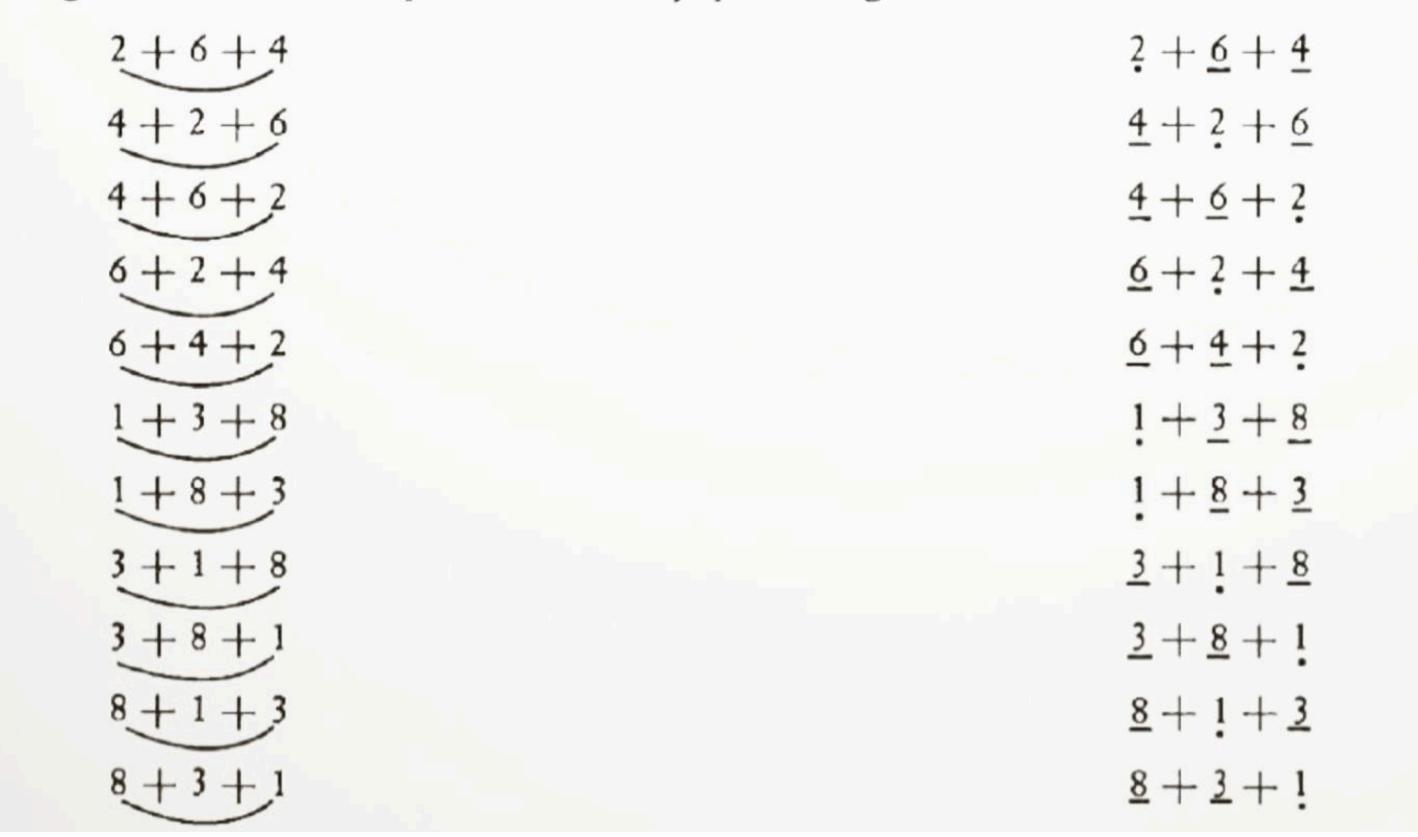
The second resource is from Theodore Buchholz and Robert Jesselson's *The Cellist's Guide to Scales* and Arpeggios:

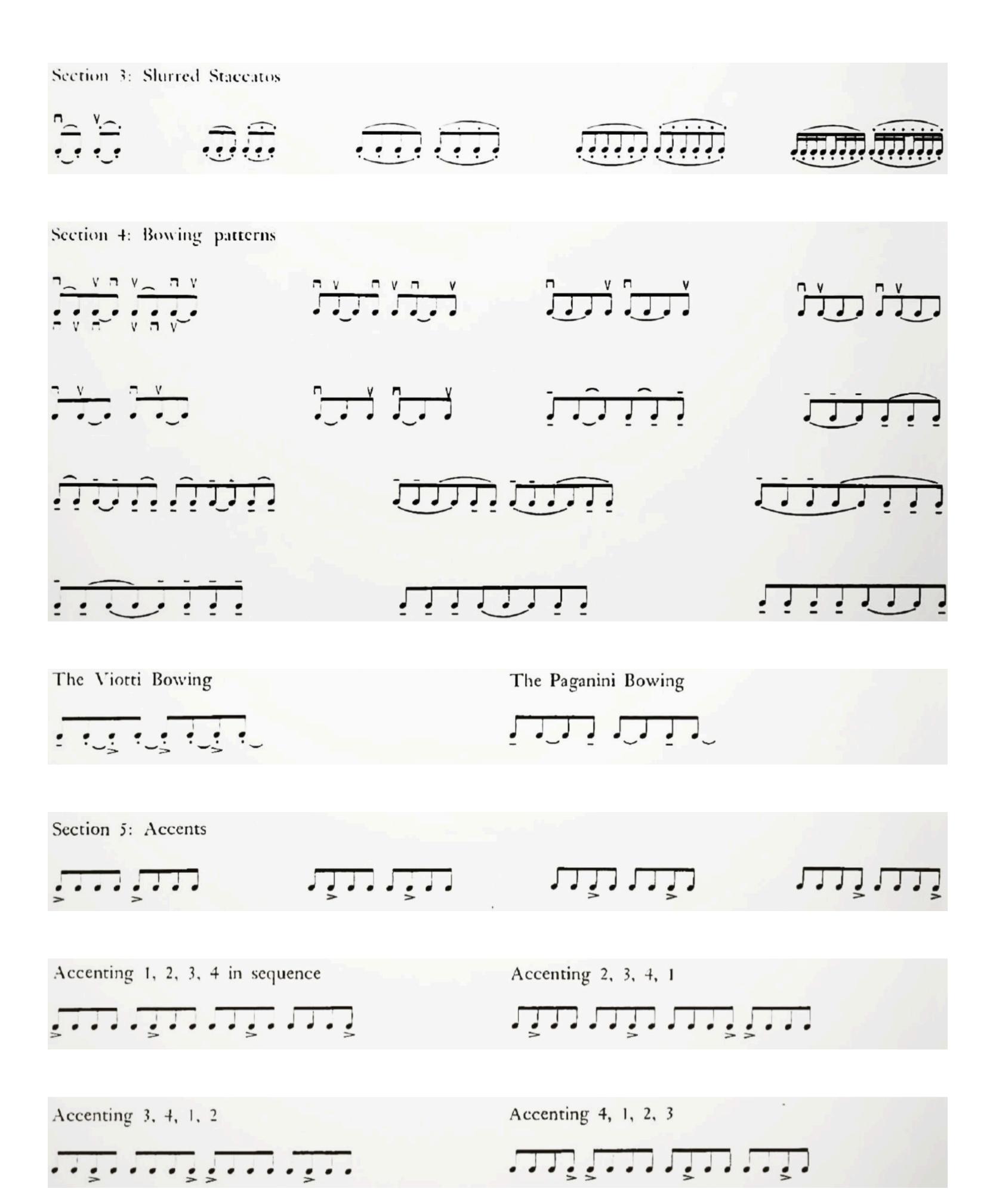


The third comes from Ivan Galamian's Scale System:



The following groupings are to be practiced in both (a) and (b) forms as given in the example immediately preceding.





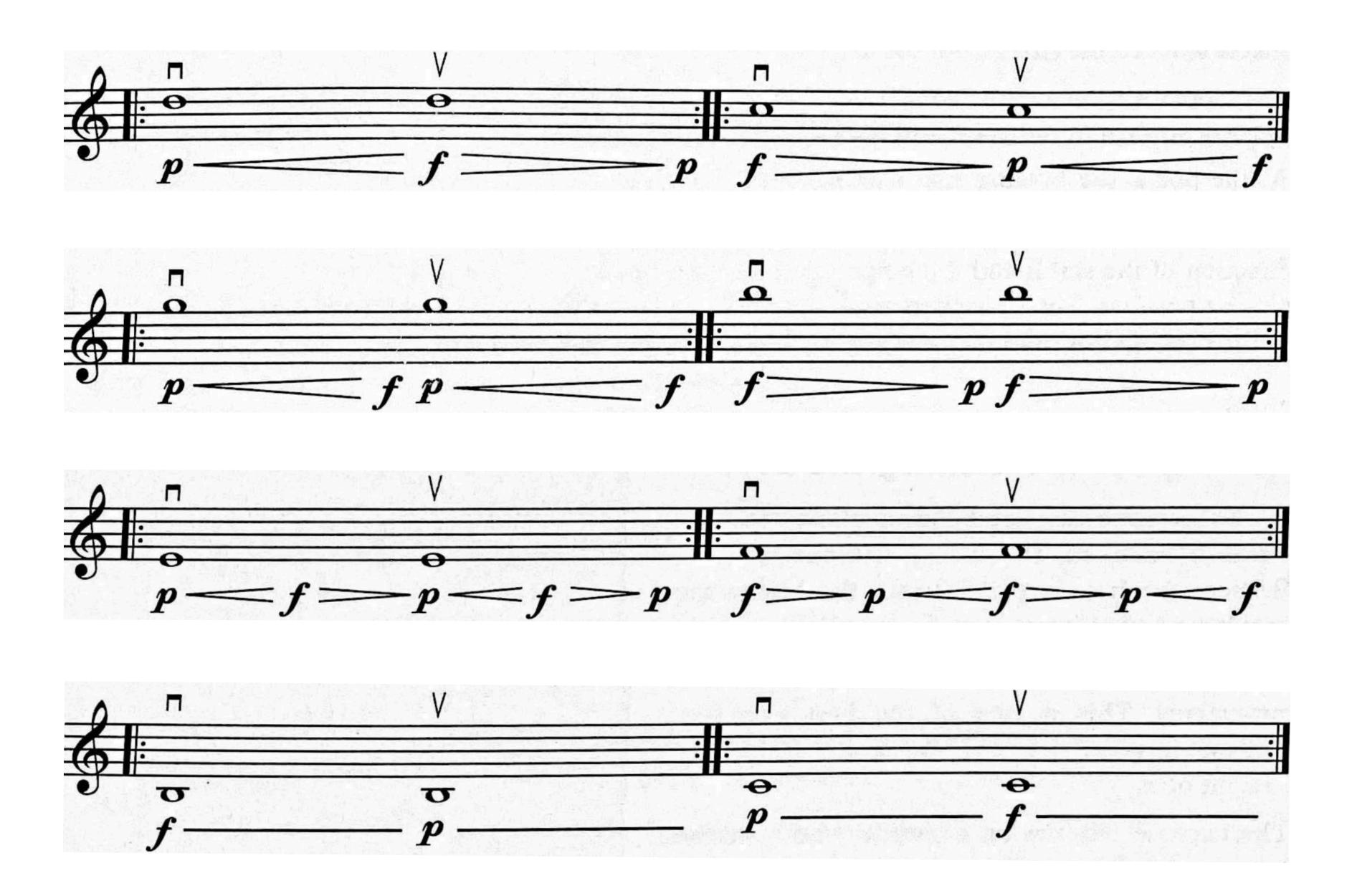
Finally, the fourth is Andrei Pricope's compilation of bowings and rhythms from O. Ševčík:





Practicing Dynamics

There's much to learn from violin pedagogy regarding practicing dynamics. For example, Paul Rolland's method suggests practicing crescendos and diminuendos within scales, as shown here:

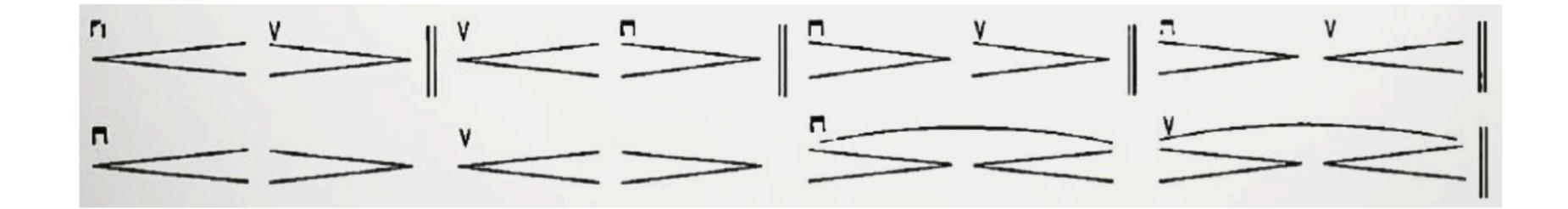


EVEN SPEED = DIFFERENT SPEEDS ≠

This is an excellent approach to practicing dynamics. Rather than playing scales with a completely even bow speed and sound (unless specifically practicing legato and sustaining), we can explore dynamics in two distinct ways:

- **1. Even bow speed with varying dynamics:** By maintaining a consistent bow speed, we can change dynamics by adjusting arm weight.
- 2. Variable bow speed: Here, we get louder or softer by increasing or decreasing the bow speed.

Each approach represents a different technique and experience, so we should practice both. Galamian uses a similar concept:



Shifting Using Stretches

When we have big shifts into higher positions, Prof. Aaron recommends using "opening shifts," which involve opening the hand between the thumb and first finger rather than maintaining a fixed hand position within an octave.

- Ascending shifts: As you move up, the thumb replaces the fourth finger, moving up a semitone, and the hand continues to open.
- Descending shifts: On the way down, the hand closes towards the thumb to form an octave, and then the entire hand moves to complete the shift.

This approach emphasizes focusing on the bottom note rather than the top note. Overly focusing on the top note could lead to feeling nervous and missing the shift, but by anchoring yourself to the lower note, you feel more grounded and can better gauge the interval within your hand.