

# Supplements to Flesch's Scale System

## Motivation

Flesch's scale system often is used as a basis for daily practice. It covers all major and minor keys and provides scales, triads and double stops and thus covers practically all elements of classical and romantic music.

Late romantic and especially music after 1900 often contain passages with further scales, especially pentatonic scales, whole tone scales, Gypsy scales, and diminished scales. Also more than the two tetrads, diminished and the major tetrad with minor seventh, covered by Flesch's system, appear frequently.

This was the motivation to provide a supplement which takes care of these non-classical musical elements.

## The current version

The current version of the supplement addresses

- scales,
- triads and
- tetrads

over

- one octave one string starting with open string or 1. finger, and
- three octaves starting with the 2. finger on the IV. String.

Scales are the five pentatonic scales, the whole scale, the Gypsy scale, and the two diminished scales.

Triads contain those of Flesch's system, augmented by the tetrads derived from the whole ton scale.

Tetrads contain the two of Flesch's system, augmented by all other tetrads being a major, minor or diminished triad with a minor seventh.

The sequence of the triads and the tetrads is chosen to minimize the changes between two neighbouring triads/tetrads. Especially, neighbouring tetrads only differ by one half tone. Since two neighbouring tetrads are harmonically related, it is useful to practice also in reverse the order, or following a scheme bars: 1-2-3-2-3-4-3-..., hence, two bars forward and one bar backward.

Bowing and rhythm can be varied as in Flesch's original work.

The proposed fingering may be helpful. For scales over one octave starting with the 1. finger there is an alternative for the cases when starting at a low or at a high position, say 5<sup>th</sup> or higher.

Only the key E-major for violin and the key G-major is worked out.

The fingering can be transferred to any other key.

I hope this is helpful for improving intonation and flexibility.