

WORKSHOP 003: PERMUTATION

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Unter einer **Permutation** versteht man die Veränderung der Anordnung einer Menge durch Vertauschen ihrer Elemente.

Das bedeutet für uns in der Musik, z.B. die verschiedenen Variationsmöglichkeiten, die sich aus 3 Tönen ergeben. (siehe Übung 1)

Die gleichen Übungen solltet ihr dann mit den weiteren möglichen Fingersätzen üben.

124, 123, 234, 124 überstreckt

Als nächste Erweiterung sollte man nun die Übungen in der Durtonleiter anwenden. Voraussetzung hierfür ist das beherrschen der 3-note-per-string Durskala.

Und jetzt viel Spaß mit den Übungen.

Übung 1:

Exercise 1 consists of two systems of musical notation. Each system has a treble clef staff and a guitar tablature staff. The key signature is one sharp (F#) and the time signature is 2/4. The first system's treble staff contains six eighth notes grouped into three pairs, each pair marked with a '3' for a triplet. The tablature below it shows the fingerings: 5 7 8 5 7 8 for the first pair, 5 8 7 5 8 7 for the second, and 7 5 8 7 5 8 for the third. The second system's treble staff also contains six eighth notes in three pairs, each marked with a '3'. The tablature below it shows the fingerings: 7 8 5 7 8 5 for the first pair, 8 5 7 8 5 7 for the second, and 8 7 5 8 7 5 for the third.

Übung 2:

Exercise 2 consists of one system of musical notation. It has a treble clef staff and a guitar tablature staff. The key signature is one sharp (F#) and the time signature is 2/4. The treble staff contains six eighth notes in three pairs, each marked with a '3'. The tablature below it shows the fingerings: 5 7 8 5 8 7 for the first pair and 7 5 8 7 8 5 for the second.

Übung 3:

Musical notation for Übung 3, featuring a treble clef, a key signature of one sharp (F#), and a 3/4 time signature. The notation consists of three measures. The first measure contains a triplet of eighth notes (G4, A4, B4) followed by a quarter note (C5). The second measure contains a triplet of eighth notes (C5, B4, A4) followed by a quarter note (G4). The third measure contains a quarter note (G4) followed by a triplet of eighth notes (F#4, E4, D4). Below the staff, the fretboard positions are indicated by numbers: 3 5 7 3 7 5 for the first measure, 5 4 7 5 7 4 for the second measure, and 8 5 7 8 7 5 for the third measure.

Übung 4:

Musical notation for Übung 4, featuring a treble clef, a key signature of one sharp (F#), and a 3/4 time signature. The notation consists of three measures, each containing a triplet of eighth notes. The first measure contains a triplet of eighth notes (G4, A4, B4). The second measure contains a triplet of eighth notes (C5, B4, A4). The third measure contains a triplet of eighth notes (C5, B4, A4). Below the staff, the fretboard positions are indicated by numbers: 3 5 7 3 7 5 for the first measure, 5 3 7 5 7 3 for the second measure, and 7 3 5 7 5 3 for the third measure.

Übung 5:

Musical notation for Übung 5, featuring a treble clef, a key signature of one sharp (F#), and a 3/4 time signature. The notation consists of three measures, each containing a triplet of eighth notes. The first measure contains a triplet of eighth notes (G4, A4, B4). The second measure contains a triplet of eighth notes (C5, B4, A4). The third measure contains a triplet of eighth notes (C5, B4, A4). Below the staff, the fretboard positions are indicated by numbers: 3 5 7 3 7 5 for the first measure, 7 3 5 3 7 3 for the second measure, and 5 7 5 for the third measure.