

## FINGER WARMUP USING PERMUTATIONS

(thanks to my old York U prof. Casey Sokol for this one)

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You can do this on any instrument of course, but for guitarists this is good for dexterity and warming up your hands. Pick any four notes that you can play on one string (e.g.  $\text{C}$   $\text{C}\#$   $\text{D}$   $\text{D}\#$ )

Let's call the notes 1, 2, 3, 4 (and use a different finger for each note). Play every combination of notes starting from each finger:

**1 2 3 4**

**1 2 4 3**

**1 3 2 4**

**1 3 4 2**

**1 4 2 3**

**1 4 3 2**

**2 1 3 4**

**2 1 4 3**

**2 3 1 4**

**2 3 4 1**

**2 4 1 3**

**2 4 3 1**

**3 1 2 4**

**3 1 4 2**

**3 2 1 4**

**3 2 4 1**

**3 4 1 2**

**3 4 2 1**

**4 1 2 3**

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