

「工」是圓walking bass. 就是一個 pattern 重複出現三次之類的. 中文叫「行走低音」, 看你覺得需不需要. **SONATE.**

Op. 22.

Dem Grafen von Browne gewidmet.

maybe 較像是手法 **Allegro con brio.**

11.

Handwritten annotations: **Ao** (red), **Ar** (red), **B<sub>o</sub>** (green).

Handwritten annotations: **B<sub>r</sub>** (green).

Handwritten annotations: **A** (blue), **Ar (octave ↓)** (red), **C** (orange).

Handwritten annotations: **A** (blue), **C** (orange).

Handwritten annotations: **F<sub>o</sub>** (purple).

Handwritten annotations: **F<sub>o</sub>** (purple).

Fr

1) The original edition (Hoffmeister & Kühnel, Leipzig) and the manuscript copy revised by Beethoven have *g* instead of *f*; cf. m. 174.

Handwritten musical score for piano, featuring various annotations and fingerings. The score is written on a grand staff (treble and bass clefs) and includes measures 42 through 65. The key signature is B-flat major (two flats). The tempo is marked "Allegretto".

Measure numbers are circled: 42, 43, 50, 55, 60, 65.

Dynamic markings include: *sf* (sforzando), *f* (forte), *ff* (fortissimo), *p* (piano), *pp* (pianissimo), *cresc.* (crescendo), *decresc.* (decrescendo).

Handwritten annotations include:

- Blue boxes highlighting specific passages in measures 42-43 and 60-61.
- Green boxes highlighting passages in measures 44-45, 46-47, 50-51, 52-53, 54-55, 56-57, 58-59, 60-61, 62-63, 64-65.
- Orange boxes highlighting passages in measures 60-61 and 62-63.
- Red boxes highlighting passages in measures 64-65.
- Handwritten letters and symbols: *I*, *I<sub>0</sub>*, *G<sub>0</sub>*, *G<sub>1</sub>*, *C<sub>1</sub>*, *A<sub>3</sub>*, *A<sub>4</sub>*.
- Fingerings (1-5) are written above many notes.
- Accents (^) are placed above many notes.

Handwritten musical score with annotations and fingerings. The score is written for piano (p) and includes various dynamics (p, pp, ff, sf, cresc., decresc.) and articulation marks (accents, slurs). The annotations include chord names (A4, A4(octave 2), A4(octave 1), G4, G3(octave), C4, C5, C6, C7, A5, A6, A7, A9) and measure numbers (70, 75, 80, 85, 90). The score is divided into systems, each with a treble and bass staff. The first system (measures 65-70) features a treble staff with a red box around measures 65-67 and an orange box around measures 68-70. The second system (measures 71-76) has a green box around measures 71-74 and an orange box around measures 75-76. The third system (measures 77-82) has a green box around measures 77-80 and an orange box around measures 81-82. The fourth system (measures 83-88) has a red box around measures 83-85 and an orange box around measures 86-88. The fifth system (measures 89-94) has a red box around measures 89-91 and an orange box around measures 92-94. The sixth system (measures 95-100) has a red box around measures 95-97 and an orange box around measures 98-100.

1)  $c$  in the revised copy too, not  $b\flat^2$  as in many editions



Handwritten annotation: *A9*

Measure 95

Handwritten annotation: *A10*

Measure 195

Handwritten annotation: *A11*

Measure 100

Handwritten annotation: *A12*

Handwritten annotation: *A13*

Measure 105

*decresc.*

*p*

Handwritten annotation: *C8*

*pp*

Handwritten annotation: *C9*

Measure 110

Handwritten annotation: *C10*

Handwritten annotation: *C11*

Handwritten orange bracket labeled C12 on the left and C13 on the right, spanning the first two measures of the system. The music is in B-flat major, 3/4 time. The right hand plays a continuous eighth-note melody. The left hand plays a bass line with some triplets and a 3-measure rest.

Handwritten orange bracket on the left, spanning the first two measures of the system. The music continues with the same texture. The left hand has a 3-measure rest in the first measure.

Handwritten orange bracket on the left, spanning the first two measures of the system. The music continues. The left hand has a 3-measure rest in the first measure. The system number 120 is circled above the staff.

Handwritten orange bracket on the left, spanning the first two measures of the system. The music continues. The left hand has a 3-measure rest in the first measure. The system number 120 is circled above the staff. The word "cresc." is written above the staff in the third measure. The word "decresc." is written above the staff in the fourth measure.

Handwritten orange bracket on the left, spanning the first two measures of the system. The music continues. The left hand has a 3-measure rest in the first measure. The system number 125 is circled above the staff. The word "pp" is written below the staff in the third measure. The word "cresc." is written below the staff in the fourth measure. Handwritten red boxes labeled A0, A1, and A2 are drawn around the right hand's notes in measures 3, 4, and 5 respectively.

Handwritten green bracket labeled B0 on the left, spanning the first two measures of the system. The music continues. The left hand has a 3-measure rest in the first measure. The system number 130 is circled above the staff. The word "fp" is written below the staff in the third measure.



Handwritten musical score for piano, measures 154-175. The score is in G major (one sharp) and 4/4 time. It features complex piano techniques including triplets, sixteenth-note runs, and dynamic markings like *pp*, *f*, and *cresc.* Handwritten annotations in blue and red ink highlight specific passages and chords.

**Measure 154:** Treble clef, *pp*. Right hand: triplet of eighth notes (G4, A4, B4), then quarter notes (C5, B4, A4, G4). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *D4* is written above the first triplet.

**Measure 155:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *D4* is written above the first quarter note.

**Measure 156:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *D4* is written above the first quarter note.

**Measure 157:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *cresc.* is written above the right hand.

**Measure 158:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *cresc.* is written above the right hand.

**Measure 159:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *cresc.* is written above the right hand.

**Measure 160:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F6* is written in red above the measure.

**Measure 161:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F7* is written in red above the measure.

**Measure 162:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F8* is written in red above the measure.

**Measure 163:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F9* is written in red above the measure.

**Measure 164:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F10* is written in red above the measure.

**Measure 165:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F11* is written in red above the measure.

**Measure 166:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F12* is written in red above the measure.

**Measure 167:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F13* is written in red above the measure.

**Measure 168:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F14* is written in red above the measure.

**Measure 169:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F15* is written in red above the measure.

**Measure 170:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F16* is written in red above the measure.

**Measure 171:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F17* is written in red above the measure.

**Measure 172:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F18* is written in red above the measure.

**Measure 173:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F19* is written in red above the measure.

**Measure 174:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F20* is written in red above the measure.

**Measure 175:** Treble clef. Right hand: quarter notes (G4, A4, B4, C5). Left hand: eighth-note triplet (G3, A3, B3), then sixteenth-note runs. *f* is written below the right hand. *F21* is written in red above the measure.

1) Thus also in the revised copy, in contrast to m. 43.



Handwritten annotations: *I6*, *I7*, *I*, 199.

Handwritten annotations: *I6*, *I7*, *I*, 199. This system contains measures 183-187. The right hand features a complex melodic line with many beamed sixteenth and thirty-second notes. The left hand provides a steady accompaniment. A blue box highlights measures 183-184, and a purple box highlights measures 185-187. A green line is drawn above the right-hand staff.

Handwritten annotations: *I*, 180, *I2*.

Handwritten annotations: *I*, 180, *I2*. This system contains measures 188-192. The right hand continues the melodic development with beamed notes. The left hand has a more active role with eighth and sixteenth notes. A purple box highlights measures 188-190.

Handwritten annotations: *I2*, *I*, *cresc.*, 185.

Handwritten annotations: *I2*, *I*, *cresc.*, 185. This system contains measures 193-197. The right hand has a melodic line with some slurs. The left hand has a more active role with eighth and sixteenth notes. A blue box highlights measures 193-195, and a green box highlights measures 196-197. A green line is drawn above the right-hand staff.

Handwritten annotations: *G5*, *G5 (octave up)*.

Handwritten annotations: *G5*, *G5 (octave up)*. This system contains measures 198-202. The right hand has a melodic line with some slurs. The left hand has a more active role with eighth and sixteenth notes. A green box highlights measures 198-200, and a green box highlights measures 201-202.

Handwritten annotations: *Gb*, *Gb*, *C17*, 190.

Handwritten annotations: *Gb*, *Gb*, *C17*, 190. This system contains measures 203-207. The right hand has a melodic line with some slurs. The left hand has a more active role with eighth and sixteenth notes. A green box highlights measures 203-205, and an orange box highlights measures 206-207. A green line is drawn above the right-hand staff.

Handwritten annotations: *C18*, *A16*, *A17*, 195.

Handwritten annotations: *C18*, *A16*, *A17*, 195. This system contains measures 208-212. The right hand has a melodic line with some slurs. The left hand has a more active role with eighth and sixteenth notes. A green box highlights measures 208-210, and a red box highlights measures 211-212. A green line is drawn above the right-hand staff.