

**UCLA**  
**Contemporary Music Score Collection**

**Title**

Kanon

**Permalink**

<https://escholarship.org/uc/item/5qg7n9tq>

**Author**

Schiefer, Benedikt

**Publication Date**

2020

Benedikt Schiefer

# **KANON**

für Cello solo und live Elektronik

## Abbreviations, from the harmonic overtone series up to the 16th Partial.

There is no Abbreviations for 3rd, 6th, 9th and 12th Partial.

-59 <sub>mc</sub>	-50 <sub>mc</sub>	-31 <sub>mc</sub>	-14/12 <sub>mc</sub>	0	+41 <sub>mc</sub>	+50 <sub>mc</sub>
♭	♭	♭	♭	♭	♭	♭
		♭	♭	♭		
♯	♯	♯	♯	♯	♯	♯
13	11	7/14	5/10	1 2 3 4 6 8 9 12 16...	5/10	7/14

-First column shows the deviation from the halftone step in midicent (1 halftone = 100 mc)  
-Last column shows the Partial's

### Order of Abbreviations



Kanon beruht auf den Obertonreihen der Saiten C - G - D - A des Cellos und arbeitet hauptsächlich mit den jeweiligen natürlichen Flageolets dieser Saiten. Durch die mikrotonalen Vorzeichen läßt sich genau schließen, auf welcher Saite der jeweilige Oberton zu spielen ist, nicht aber an welcher Position.

Das Cello wird durch ein Mikrophon (auch Pickup Mikrophon) abgenommen und es muss vom Raum abhängig bestimmt werden, ob die Spielstimme (Cello 1) verstärkt wird und über die Anlage zu hören ist oder unverstärkt bleibt. Cello 2, 3 und 4 (welche vom Computer, Program kommen) sind in der Partitur von den Tonhöhen her absolut notiert, von der zeitlichen Darstellung aber eher eine Annäherung und als Orientierung für den Spieler gedacht.

Der Spieler betätigt durch ein Fusspedal die Cues (es sind insgesamt sieben), die in der Partitur unterhalb der Spielstimme, durch in Kreise eingefasste Zahlen gekennzeichnet sind und bedient dadurch das Program.

Die kleinen Zahlen oberhalb der Spielstimme sind Sekunden, das Stück ist deshalb im Metrum 60. Die größeren Zahlen, welche näher an der Stimme sind, dienen als Orientierung, Längen und Zusammenfassung von Tongruppen, also quasi Takte.

# KANON

Benedikt Schiefer

' sind sekunden

Cello 4

Cello 3

Cello 2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Cello

4 *legatissimo* ohne Vibrato

*mf* *pp*

1 2

Vc. 4

Vc. 3

Vc. 2

32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Vc.

*p* *p*

3 4

Vc. 4

Vc. 3

Vc. 2

61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90

Detailed description: This block contains the musical notation for Violins 2, 3, and 4, measures 61 through 90. The staves are arranged vertically. Violin 4 (Vc. 4) has a staff with a treble clef and a key signature of one sharp (F#). Violin 3 (Vc. 3) and Violin 2 (Vc. 2) also have staves with treble clefs and a key signature of one sharp. The music consists of a series of eighth and sixteenth notes, with some rests and slurs. Measure numbers 61 through 90 are printed below the staves.

Vc.

4 5 6 4 4 3

*p* *mf* *p* *f*

Detailed description: This block contains the musical notation for a Violin (Vc.) part, measures 61 through 90. The staff has a treble clef and a key signature of one sharp. The music features various fingerings (4, 5, 6, 4) and dynamic markings (*p*, *mf*, *p*, *f*) with slurs. There are also two bass clef staves below the main staff, each with a single note and a dynamic marking. Measure numbers 61 through 90 are indicated by tick marks above the staff.



Vc. 4

Vc. 3

Vc. 2

91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

Detailed description: This block contains the musical notation for Violins 2, 3, and 4, measures 91 through 120. The staves are arranged vertically. Violin 4 (Vc. 4) has a staff with a treble clef and a key signature of one sharp. Violin 3 (Vc. 3) and Violin 2 (Vc. 2) also have staves with treble clefs and a key signature of one sharp. The music consists of a series of eighth and sixteenth notes, with some rests and slurs. Measure numbers 91 through 120 are printed below the staves.

Vc.

3 3 4 3 4 3 3 3 4

*p* *f* *p* *f* *mp* *mf* *mp* *f* *p*

Detailed description: This block contains the musical notation for a Violin (Vc.) part, measures 91 through 120. The staff has a treble clef and a key signature of one sharp. The music features various fingerings (3, 4) and dynamic markings (*p*, *f*, *mp*, *mf*, *p*) with slurs. There are also two bass clef staves below the main staff, each with a single note and a dynamic marking. Measure numbers 91 through 120 are indicated by tick marks above the staff.

Vc. 4

Vc. 3

Vc. 2

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150

Vc.

*mf* *p* *pp*

crescendo

3 4 3 3 3 4 3 4 4

Vc. 4

Vc. 3

Vc. 2

151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180

Vc.

*fff* *ff* *fff* *ff* *ff* *f*

decresc.

[♯ → ♮]

3 3 3 5 5 6 5

5

trem. in sich jeweils langsamer werden, im Ganzen, vom trem. zu ♮ (bis 217') poco a poco langsamer werden

Vc. 4

Vc. 3

Vc. 2

181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210

Vc.

*ff* *f* *mp* *p* *mf* *p* *mf* *p*



Vc. 4

Vc. 3

Vc. 2

211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240

Vc.

*mf* *p* *mf* *p*

Vc. 4

Vc. 3

Vc. 2

241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270

legatissimo [ unisono pfeifen - Differenztöne]

Vc.

*pp* *mp* *f* *p* *p*



Vc. 4

Vc. 3

Vc. 2

271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300

abgesetzt, schneller Bogen flautando sul tasto

Vc.

*mf* *fff* *ppp*



Vc. 4

Vc. 3

Vc. 2

301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330

Detailed description: This block contains the musical notation for Violins 2, 3, and 4 from measure 301 to 330. The staves are arranged vertically with Vc. 4 at the top, Vc. 3 in the middle, and Vc. 2 at the bottom. The music consists of a series of chords and single notes, primarily in the upper register. Measure numbers 301 through 330 are printed below the staves.

Vc.

Detailed description: This block contains the musical notation for a single Violin (Vc.) from measure 301 to 330. The staff is positioned below the Vc. 2-4 staves. The notation includes various rhythmic values and accidentals. At the end of the system, there is a double bar line followed by a key signature change to one sharp (F#) and a common time signature (C).



Vc. 4

Vc. 3

Vc. 2

331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360

Detailed description: This block contains the musical notation for Violins 2, 3, and 4 from measure 331 to 360. The staves are arranged vertically with Vc. 4 at the top, Vc. 3 in the middle, and Vc. 2 at the bottom. The music continues with similar chordal textures. Measure numbers 331 through 360 are printed below the staves.

Vc.

tenuto

legatissimo

3

4

7

Detailed description: This block contains the musical notation for a single Violin (Vc.) from measure 331 to 360. The staff is positioned below the Vc. 2-4 staves. The notation includes various rhythmic values and accidentals. Above the staff, the word "tenuto" is written above measure 344, and "legatissimo" is written above measure 352. Above measure 352, there is a circled number "7" with an upward-pointing arrow. Above measure 353, there is a circled number "4". Above measure 354, there is a circled number "3". At the end of the system, there is a double bar line followed by a key signature change to one sharp (F#) and a common time signature (C).

Vc. 4

Vc. 3

Vc. 2

361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390

Detailed description: This block contains the musical notation for Violins 2, 3, and 4 across measures 361 to 390. Each instrument part is written on a five-line staff in treble clef with a key signature of one sharp (F#). The music consists of a series of eighth and sixteenth notes, often beamed together, with some rests. The parts are highly synchronized, suggesting a rhythmic pattern or a specific melodic line.

Vc.

5 2 5 6

Detailed description: This block shows the Violin part for measures 361-390. The notation includes fingerings (5, 2, 5, 6) above specific notes. Below the staff, there are four chord diagrams, each showing a two-note chord on a five-line staff with a sharp sign on the first line. The chords are: 1) F#4 and C#5, 2) F#4 and G#4, 3) F#4 and A#4, 4) F#4 and B4.



Vc. 4

Vc. 3

Vc. 2

391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420

Detailed description: This block contains the musical notation for Violins 2, 3, and 4 across measures 391 to 420. The notation continues from the previous block, maintaining the same rhythmic and melodic patterns. The parts are synchronized and feature a mix of eighth and sixteenth notes.


Vc.

5 6 5 5 3

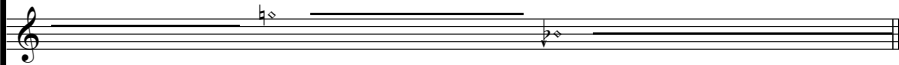
*p* possibile

Detailed description: This block shows the Violin part for measures 391-420. It includes fingerings (5, 6, 5, 5, 3) above notes. At the end of the section, there is a dynamic marking *p* (piano) and the word "possibile" (possible). Below this, there is a chord diagram showing a two-note chord: F#4 and C#5.

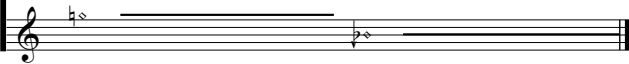
Vc. 4



Vc. 3



Vc. 2



421      422      423      424      425

436

Vc.

