

# ***HARD CELLS***

*for fourteen players*

***Don Freund***  
*(1989)*

*Perusal Score:*

*Full-sized score and parts available from MMB Music*

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#### Instrumentation:

Flute  
Oboe  
Eb Clarinet\*  
Bassoon  
Horn in F\*  
Trumpet in C  
Trombone  
Percussion (see list below)  
Piano  
2 Violins  
Viola  
Cello  
Contrabass

#### *HARD CELLS* *for fourteen players*

Don Freund (1989)

Duration: ca. 12 minutes

\*Score is in C. All instruments sound as written except for the contrabass, which sounds an octave lower. Crotales preferably sound an octave higher than notated.

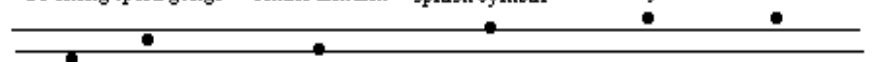
#### Program Notes

Because of their intrinsic nature and the way they are deployed in the composition, the materials out of which *Hard Cells* is composed are to be perceived as metallic, hard-edged, unyielding building blocks of sound. Rather than allowed to grow, develop and blend into an organic flow, they are contextualized by repetition, superimpositioning and juxtapositioning — what might be described as a cut-and-paste approach to fabricating a work. This hard-shell cellular approach to the character and structuring of material is what (I believe) distinguishes Stravinsky from Bartok, Scarlatti from Bach, and rock from jazz. In *Hard Cells*, the steady nature of the ideas is underlined by a insistent unchanging 16th-note pulse.

*Hard Cells* divides into three sections. In the opening third of the piece, the cellular ideas are deployed over an unrelenting A pedal tone. The cello finally breaks loose from this encasement, initiating the second section with a primal rock 5-4-1 progression; in this section the material is free to shift into contrasting tonalities, and even, after a brief reprise of the A pedal, gathers momentum into a celebratory climax. The final section, which grows out of the after-shocks of this climax, functions as a non-sequitur epilog; fastened to a metrically uncommitted stream of tambourine 16th-notes, the remainder of the ensemble independently loops odd-lengthed mechanistic fragments.

#### Percussion instrumentation and notation:

Unpitched instruments: 2 Peking opera gongs\* small tamtam splash cymbal hi-hat cymbal headless tambourine



Pitched instruments:



\*Peking opera gongs are small and have a quick decay with a "boing" quality (one should "boing" upward and the other "boing" downward). They can be laid flat on a pad and struck hard. A small, colorfully pitched suspended cymbal or two may be substituted; these will probably need to be damped by fixing a heavy cloth on them to achieve the requisite rapid decay.

\*\*The low A on the marimba may substitute for the log drum or vice-versa if necessary.

Slit drums with low indefinite pitch or large wooden tone bars may also be used to good effect.

*Don Freund*  
(1989)

♩ = 88, *tough, steely*

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28                    29                    30                    31                    32                    33                    34                    35                    36

Fl

Ob

Cl

Bn

Hn

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Cb

[illegible]

45 46 47 48 49 50 51

Fl

Ob

Cl

Ba

Hn

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Cb

52 53 54 55 56 57 58 59 60

Fl  
Ob  
Cl  
Ba

Hr  
Tp  
Tn

Pre

Pno

Vn1  
Vn2  
Vla  
Vc  
Cb

61 62 63 64 65 66 67 68 69

Fl  
Ob  
Cl  
Ba

Hr  
Tp  
Tn

Pre

Pno

Vn1  
Vn2  
Vla  
Vc  
Cb

This musical score page contains measures 52 through 69. The instrumentation includes Flute (Fl), Oboe (Ob), Clarinet (Cl), Bassoon (Ba), Horn (Hr), Trumpet (Tp), Trombone (Tn), Percussion (Pre), Piano (Pno), Violin 1 (Vn1), Violin 2 (Vn2), Viola (Vla), Violoncello (Vc), and Contrabass (Cb). Measures 52-53 show woodwinds and strings with various dynamics like *f* and *mp*. Measures 54-59 feature a prominent piano accompaniment with a crotale and tamtam, along with woodwinds and strings. Measure 60 shows a transition with a *f* dynamic. Measures 61-69 continue with complex woodwind and string patterns, including a *f* dynamic in measure 66 and a *f* dynamic in measure 69.

[illegible]

79 80 81 82 83 84 85 86 87

Fl

Ob

Cl

Bn

Hn

Tp

Tn

Pre

Pno

Vn1

Vn2

Vla

Vc

Cb

*mf*

*f*

*mp*

*brassy*

*mf*

*f*

*mp*

*mp*

*mp*

*arco*

This page of the musical score contains measures 88 through 102. The instrumentation includes Flute (Fl), Oboe (Ob), Clarinet (Cl), Bassoon (Bn), Horn (Hn), Trumpet (Tp), Trombone (Tn), Percussion (Pre, roto-toms), Piano (Pno), Violin 1 (Vn1), Violin 2 (Vn2), Viola (Vla), Violoncello (Vc), and Contrabass (Cb). The score is written in 3/4 time and features a variety of musical notations, including notes, rests, and dynamic markings such as *ff*, *f*, *mf*, and *mp*. The key signature is one sharp (F#). The score is divided into two systems, with measures 88-94 on the first system and measures 95-102 on the second system. The percussion part includes a section for roto-toms in measures 88-94. The piano part features a continuous bass line in measures 88-94. The string parts (Vn1, Vn2, Vla, Vc, Cb) play a complex rhythmic pattern in measures 88-94. The woodwind parts (Fl, Ob, Cl, Bn, Hn, Tp, Tn) have various melodic and harmonic lines. The brass parts (Hn, Tp, Tn) have a strong presence in measures 88-94. The percussion part (Pre) includes a section for roto-toms in measures 88-94. The piano part (Pno) features a continuous bass line in measures 88-94. The string parts (Vn1, Vn2, Vla, Vc, Cb) play a complex rhythmic pattern in measures 88-94. The woodwind parts (Fl, Ob, Cl, Bn, Hn, Tp, Tn) have various melodic and harmonic lines. The brass parts (Hn, Tp, Tn) have a strong presence in measures 88-94.



103 104 105 106 107 108 109 110 111

Fl *mp*

Ob

Cl

Ba *mp*

Hr

Tr

Tn

Pre

Pno

Vn1

Vn2

Vla

Vc

Cb

112 113 114 115 116 117 118 119 120

Fl *f*

Ob *f*

Cl *f*

Ba *f*

Hr

Tr

Tn *mf*

Pre

Pno *f*

Vn1 *f*

Vn2 *f*

Vla *f*

Vc *f*

Cb

Musical score for measures 121-129. The score includes staves for Flute (Fl), Oboe (Ob), Clarinet (Cl), Bassoon (Bn), Horn (Hr), Trumpet (Tp), Trombone (Tbn), Percussion (Prc), Piano (Pno), Violin 1 (Vn1), Violin 2 (Vn2), Viola (Via), Cello (Vc), and Double Bass (Cb). Measures 121-128 show woodwinds and strings playing sustained notes or chords. Measure 129 features a marimba entry with a forte dynamic.

[illegible]

139 140 141 142 143 144 145 146 147

Fl

Ob

Cl

Bn

Hr

Tp

Tn

Prc

f

dim.

Pno

mf

f

Vn1

f

fp

dim.

Vn2

f

fp

dim.

Vla

f

fp

dim.

Vc

f

fp

dim.

Ob

f

dim.

[illegible]

157 158 159 160 161 162 163 164 165

Fl - - - - -

Ob - - - - -

Cl - - - - -

Ba *f* *mf* *f*

Hr - - - - -

Tp - - - - -

Tn *open* *f*

Pre *f* *f* *roto-toms*

Pno *f, non legato* *f*

Vn1 *f* *f* *f* *f* *f* *f* *f* *f* *f*

Vn2 *f* *f* *f* *f* *f* *f* *f* *f* *f*

Vla *f* *f* *f* *f* *f* *f* *f* *f* *f*

Vc *f* *f* *f* *f* *f* *f* *f* *f* *f*

Cb *f* *f* *f* *f* *f* *f* *f* *f* *f*

166 167 168 169 170 171 172 173 174

Fl - - - - -

Ob - - - - -

Cl - - - - -

Ba *f* *f* *f* *f* *f* *f* *f* *f* *f*

Hr *open* *f* *f* *f* *f* *f* *f* *f* *f*

Tp - - - - -

Tn *f* *f* *f* *f* *f* *f* *f* *f* *f*

Pre *marimba* *f* *f* *f* *f* *f* *f* *f* *f*

Pno *f* *f* *f* *f* *f* *f* *f* *f* *f*

Vn1 *f* *f* *f* *f* *f* *f* *f* *f* *ff*

Vn2 *f* *f* *f* *f* *f* *f* *f* *f* *ff*

Vla *f* *f* *f* *f* *f* *f* *f* *f* *ff*

Vc *f* *f* *f* *f* *f* *f* *f* *f* *ff*

Cb *f* *f* *f* *f* *f* *f* *f* *f* *ff*

175 176 177 178 179 180 181 182 183

Fl - - - - -

Ob - - - - -

Cl - - - - -

Ba *f* *f* *ff* *f* *f* *ff* *ff*

Hr - - - - -

Tp - - - - -

Tn - - - - -

log drum

Pre - - - - - *f*

Pno *f* *f* *ff* *f* *f* *ff* *ff* *ff* *8ba*

Vn1 *f* *f* *ff* *f* *f* *ff* *ff* *f*

Vn2 *f* *f* *ff* *f* *f* *ff* *ff* *f*

Vla *f* *f* *ff* *f* *f* *ff* *ff* *f*

Vc *f* *f* *ff* *f* *f* *ff* *ff* *f*

Cb *f* *f* *ff* *f* *f* *ff* *ff* *f*

184 185 186 187 188 189 190 191 192

Fl - - - - -

Ob - - - - -

Cl - - - - -

Ba *f* *f* *f* *f* *f* *f* *f* *f*

Hr *f* *f* *f* *f* *f* *f* *f* *f*

Tp - - - - -

Tn *f* *f* *f* *f* *f* *f* *f* *f*

Peking opera gong

Pre *f* *f* *f* *f* *f* *f* *f* *f*

Pno *f* *f* *f* *f* *f* *f* *f* *f*

Vn1 *f* *f* *f* *f* *f* *f* *f* *f*

Vn2 *f* *f* *f* *f* *f* *f* *f* *f*

Vla *f* *f* *f* *f* *f* *f* *f* *f*

Vc *f* *f* *f* *f* *f* *f* *f* *f*

Cb *f* *f* *f* *f* *f* *f* *f* *f*

193 194 195 196 197 198 199 200 201

Fl

Ob

Cl

Ba

Hr

Tr

Tb

Pre

Pno

Vn1

Vn2

Vla

Vc

Ob

202 203 204 205 206 207 208 209 210

Fl

Ob

Cl

Ba

Hr

Tr

Tb

Pre

Pno

Vn1

Vn2

Vla

Vc

Ob

[illegible]

220 221 222 223 224 225 226 227 228

Fl

Ob

Cl

Bn

Hn

Tp

Tn

Pre

Pno

Vn1

Vn2

Vla

Vc

Cb

*mf* *f* *ff* *mf* *f* *ff* *ff* *ff*

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

*free bowing*

Peking opera gongs

229 230 231 232 233 234 235 236 237

Fl

Ob

Cl

Ba

Hr

Tp

Tn

roto-tom

Prc

Pno

Vn1

Vn2

Vla

Vc

Ch

*f*

*ff*

*mf*

*ff*

*f, rugged*

238 239 240 241 242 243 244 245 246

Fl

Ob

Cl

Ba

Hr

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Ch

*f*

*f, rugged*

*f, rugged*



247 248 249 250 251 252 253 254 255

Fl

Ob

Cl

Bn

Hn

Tr

Tn

Prc

Pno

8ba

Vn1

Vn2

Vla

Vc

Cb

[illegible]

This image displays a page from a musical score, likely for a symphony orchestra. The score is written for various instruments, including Flute (Fl), Oboe (Ob), Clarinet (Cl), Bassoon (Bn), Horn (Hn), Trumpet (Tp), Trombone (Tn), Percussion (Pre), Piano (Pno), Violin 1 (Vn1), Violin 2 (Vn2), Viola (Vla), Violoncello (Vc), and Contrabass (Cb). The score is divided into measures, with measure numbers 265 through 273 visible at the top. The notation includes various musical symbols, such as notes, rests, and dynamic markings (e.g., *f*, *ff*, *legato, heavy*). The score is written in a standard musical notation style, with staves for each instrument and a common key signature and time signature.



301 302 303 304 305 306 307 308 309

Fl *ff* *mf*

Ob *ff* *mf*

Cl *ff* *mf*

Ba *f* *ff* *mf*

Hr *ff* *mp*

Tp *ff* *f*

Tn *ff* *f*

Prc *f* *ff* *f* *mf*

Pno *8ba*

Vn1 *mf*

Vn2 *mp*

Vla *mf legato*

Vc *mp mellow*

Ch *mp mellow*

310 311 312 313 314 315 316 317 318

Fl *mf*

Ob *mf*

Cl *mf*

Ba *mf*

Hr *mf* *muted* *mp*

Tp *mf*

Tn *mf*

Prc *crotale* *p*

Pno *p*

Vn1 *mf legato*

Vn2 *p*

Vla *p*

Vc *mp mellow* *mp*

Ch *mp*

[illegible]

345                      346                      347                      348                      349                      350                      351                      352                      353

[illegible]

354 355 356 357 358 359 360 361

Fl *f* *f, marcato*

Ob *f*

Cl *f*

Ba *f*

Hr *open* *f, marcato*

Tp *f, marcato*

Tn *mf*

Pre *mf*

Pno *ff* *mf* *8ba*

Vn1 *f, marcato*

Vn2 *f, marcato*

Vla *f, marcato*

Vc *f, marcato*

Cb *f, marcato*

362 363 364 365 366 367 368 369

Fl *f*

Ob *f*

Cl *f*

Ba *f*

Hr *f*

Tp *mf*

Tn *mf* *f, marcato*

Pre *cresc.* *mf* *splash cymbal*

Pno *f*

Vn1 *f, marcato*

Vn2 *f, marcato*

Vla *f, marcato*

Vc *f, marcato*

Cb *f, marcato* *f*

370 371 372 373 374 375 376 377

Fl *f, marcato*

Ob *f, marcato*

Cl

Ba

Hr *f*

Tp *f*

Tn *f*

Pr *cresc.*

Pn *f*

Vn1 *f, marcato*

Vn2 *f, marcato*

Vla

Vc *f, marcato*

Cb *f, marcato*

wood sticks (hip sticks)

mf

cresc.

378 379 380 381 382 383 384 385 386

Fl *ff*

Ob *ff*

Cl *ff legato, heavy*

Ba *ff legato, heavy*

Hr *f*

Tp *f*

Tn *f*

Pr *f*

Pn *f*

Vn1 *ff legato, heavy*

Vn2 *ff legato, heavy*

Vla *ff legato, heavy*

Vc *ff legato, heavy*

Cb *ff legato, heavy*

Peking opera gongs

mf

ff



387 388 389 390 391 392 393 394 395

Fl *legato, heavy*

Ob *legato, heavy*

Cl *legato, heavy*

Ba *legato, heavy*

Hr *legato, heavy*

Tp

Tn *mf*

Prc *marimba* *mf* *f*

Pno *ff*

Vn1 *ff* *f* *legato*

Vn2 *ff* *f* *legato*

Vla *ff* *f* *legato*

Vo *ff* *f* *legato*

Cb *ff* *f* *legato*

396 397 398 399 400 401 402 403 404

Fl *f* *ff*

Ob *f* *ff*

Cl *f* *ff*

Ba *f* *ff*

Hr *mf* *f* *ff*

Tp *mf* *f* *ff*

Tn *mf* *f* *ff*

Prc *mf* *f* *ff*

Pno *ff*

Vn1 *f* *ff*

Vn2 *f* *ff*

Vla *f* *ff*

Vo *mf* *f* *ff*

Cb *f* *ff*

*splash cymbal* *dome* *moving-to-rim*

405 406 407 408 409 410 411

Fl *ff mp* *ff* *ff* *ff* *ff* *ff*

Ob *ff mp* *ff* *ff* *ff* *ff* *ff*

Cl *ff mp* *ff* *ff* *ff* *ff* *ff*

Ba *ff mp* *ff* *ff* *ff* *ff* *ff*

Hr *mp* *f* *f* *f* *f* *f*

Tp *mp* *f* *f* *f* *f* *f*

Tn *mp* *f* *f* *f* *f* *f*

roto-toms *f p* *f* *f* *f* *f* *f*

Pno *f* *f* *f* *f* *f* *f*

Vn1 *ff mp* *ff* *ff* *ff* *ff* *ff*

Vn2 *ff mp* *ff* *ff* *ff* *ff* *ff*

Vla *ff mp* *ff* *ff* *ff* *ff* *ff*

Vc *ff mp* *ff* *ff* *ff* *ff* *ff*

Cb *ff mp* *ff* *ff* *ff* *ff* *ff*

412 413 414 415 416 417 418 419

Fl *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Ob *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Cl *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Ba *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Hr *f* *f* *f* *f* *f* *f* *f* *f*

Tp *f* *f* *f* *f* *f* *f* *f* *f*

Tn *f* *f* *f* *f* *f* *f* *f* *f*

Prc *mf* *f* *f* *f* *f* *f* *f* *f*

Pno *mf* *f* *f* *f* *f* *f* *f* *f*

Vn1 *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vn2 *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vla *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vc *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Cb *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

[illegible][illegible]

454

455 456 457 458 459 460 461 462 463

Fl

Ob

Cl

Ba

Hr

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Cb

464 465 466 467 468 469 470 471 472

Fl

Ob

Cl

Ba

Hr

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Cb

473 474 475 476 477 478 479 480 481

Fl

Ob

Cl

Ba

Hr

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Cb

*mp*

*mp*

*mp*

*mp*

*p*

*mp*

*mp*

*mp*

*mp*

*f*

482 483 484 485 486 487 488 489 490

Fl

Ob

Cl

Ba

Hr

Tp

Tn

Prc

Pno

Vn1

Vn2

Vla

Vc

Cb

*mp*

*mp*

*mp*

*mp*

*p*

*mp*

*mp*

*mp*

*mp*

*f*

491 492 493 494 495 496 497 498 499

Fl *mp*

Ob *mp*

Cl *mp*

Ba *mp*

Hr *p*

Tr *mp*

Tu *p*

Prc

Pno *p*

Vn1 *mp*

Vn2 *mp*

Vla *mp*

Vc *mp*

Cb *f*

500 501 502 503 504 505 506 507 508

Fl *mp*

Ob *mp*

Cl *mp*

Ba *mp*

Hr

Tr *mp*

Tu

Prc

Pno

Vn1 *mp*

Vn2 *mp*

Vla *mp*

Vc *mp*

Cb *f*

509 510 511 512 513 514 515 516 517

Fl *mp*

Ob

Cl *mp*

Ba

Tp *mp*

Pre

Vn1 *mp*

Vn2

Vla *mp*

Vc *mp*

Cb *f*

518 519 520 521 522 523 524 525 526

Fl

Cl

Pre

Vn1

Vla *mp*

Vc *mp*

Cb *f*

527 528 529 530 531 532 533 534 535 536

Fl *mp*

Pre

Vla

Vc *mp*

Cb