

Whispers of Entropy

for Piano, Violin & Cello

Score

Deniz Çağlarcan

2024/Santa Barbara

PERFORMANCE INSTRUCTIONS

Whispers of Entropy (2024)

for Piano, Violin & Cello

Duration: approx. 6 minutes

PIANO

C1 is prepared, muted with door wedge

 : stop the sound generation.

 : hit the strings with palm of the hand in the piano.

 : use a solid card on the strings, inside the

 : generate iterative clicking sound inside the piano.

 : use a pick to tremolo on the strings inside the piano.

 : use a fishing line inside the piano to generate iterative or continuous sound.

Scratch tone : with fishing line it is possible to generate click sounds with pressured short movements and continuous sound like a bow in the string instruments.

 : use a use rubber on the string harmonics to produce and hold harmonics.

Any questions?

www.denizcaglarcan.com

STRINGS

- do not vibrate long notes unless it is written.

- begin the glissando at the start of the note and continue smoothly until it reaches the final pitch.

    : 0, +50, +100, +150.

    : 0, -50, -100, -150.

 : stop the sound generation.

ord. : ordinario

mst. : molto sul ponticello

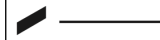
mst. : molto sul tasto

c.l.b. : col legno battuto

c.l.b. saltando : col legno saltando

 : slowly start tremolo.

 : transition from half press to full press.

 : transition from tremolo to non-tremolo.

 : Bartok pizz.

 : Half press.

 : Sudden crescendo at the end.

 : Generate click sound with overpressure bow.

 : damp the strings, sounds like a filtered noise.



Scratch tone : generate continuous sound with overpressured bow.

Whispers of Entropy

for Piano, Violin and Cello

Deniz Caglarcan

2024

Allegro (♩ = ca. 120)

Piano

inside piano
hit the strings with palm of the hand

l.v.

Violin

Cello

The score is written for Piano, Violin, and Cello. The Piano part is in the bass clef, and the Violin and Cello parts are in the treble and bass clefs respectively. The time signature is 3/4, with a 6/4 change at the end of each measure. The tempo is Allegro (♩ = ca. 120). The Piano part includes a 'l.v.' (left hand) instruction and a 'hit the strings with palm of the hand' instruction. The Violin and Cello parts feature a crescendo from *sfp* to *ff*.

16th notes with some irregularities
slide a solid card on the string
inside the piano,
generate rattling sound

4 3

Pno.

l.v.

mf

ff

ff Gradually Press. ————— *

Vln.

mp

damp the strings with rest of the fingers
produce half pitch sound
sul C

Vc.

mf

3/4

5

slide a solid card on the string
inside the piano,
generate rattling sound

Pno.

mf

5

Vln.

gliss.

sfz

ff

p

jeté

mp

Vc.

gliss.

sfz

ff

p

jeté

mf

sul C

damp the strings with rest of the fingers
produce half pitch sound

The musical score is divided into three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part starts in 3/4 time and changes to 4/4. It features a graphic instruction to slide a solid card on the string inside the piano to generate a rattling sound, indicated by a series of vertical lines. The Violin and Viola parts also start in 3/4 time and change to 4/4. They include glissando markings and 'jeté' (jump) markings. Dynamics include sfz, ff, p, mf, and mp. The Viola part includes a 'sul C' marking and a instruction to damp the strings with the rest of the fingers to produce a half-pitch sound.

[illegible]

damp the strings with rest of the fingers
produce half pitch sound

Pno.

12 8

ff

mp

p

Vln.

12

sfp

gliss.

ff

mp

mf

mp

f

mp

Vc.

sfp

gliss.

ff

mp

mf

mp

f

mp

The musical score is for a piece titled "Whispers of Entropy" on page 6. It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.), all in 4/4 time. The Piano part begins with a treble clef and a key signature of one sharp (F#). It includes a dynamic marking of *ff* (fortissimo) and a *mp* (mezzo-piano) section. The Violin and Viola parts begin with a treble clef and a key signature of one sharp (F#). They include dynamic markings of *sfp* (sforzando piano), *ff* (fortissimo), *mp* (mezzo-piano), *mf* (mezzo-forte), *f* (forte), and *mp* (mezzo-piano). The score includes various musical notations such as triplets, sixteenth notes, and slurs. There are also some non-standard notations, including a hand icon and a series of asterisks in the Piano part, and a series of diamond-shaped notes in the Violin and Viola parts.

14

Pno.

14

Vln.

Vc.

mp *f*

p *sfz* *Red.* *...* ***

f *3* *3* *gliss.* *mp* *ff* *gliss.* *mp*

mp *f* *Scratch tone* *mp* *ff* *mp*

sul G *sul C* *gliss.* *5*

The musical score is for a piece titled "Whispers of Entropy". It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part starts with a series of chords in the right hand and a single note in the left hand, followed by a series of chords in the left hand. The Violin part starts with a series of chords in the right hand and a single note in the left hand, followed by a series of chords in the right hand and a single note in the left hand. The Viola part starts with a series of chords in the right hand and a single note in the left hand, followed by a series of chords in the right hand and a single note in the left hand. The score includes various musical notations such as glissandos, triplets, and dynamic markings.

The musical score is for three instruments: Piano (Pno.), Violin (Vln.), and Violoncello (Vc.). The score is divided into two systems, each starting at measure 16.

Piano (Pno.): The piano part is primarily silent, indicated by whole rests. In the second system, there are two accented notes marked with *sfz* and a hand icon above them, suggesting a specific performance technique.

Violin (Vln.): The violin part features a series of sixteenth-note runs in the first system, marked *mf* and *gliss.*. In the second system, it includes a *gliss.* marked *sfz*, followed by a crescendo leading to a *ff* dynamic.

Violoncello (Vc.): The cello part also features sixteenth-note runs in the first system, marked *f*. In the second system, it includes a *gliss.* marked *sfz*, followed by a crescendo leading to a *ff* dynamic.

Annotations and Performance Instructions:

- 16:** Measure number indicating the start of the first system.
- MST:** Musical Score Template.
- ord.:** Original.
- ORD:** Original.
- jeté:** A dance-like movement, indicated by a small figure of a person jumping.
- gliss.:** Glissando, indicated by a wavy line.
- sfz:** *sforzando*, a dynamic marking indicating a strong accent.
- ff:** *fortissimo*, a dynamic marking indicating a very loud volume.
- mf:** *mezzo-forte*, a dynamic marking indicating a moderate volume.
- mp:** *mezzo-piano*, a dynamic marking indicating a moderate volume.
- f:** *forte*, a dynamic marking indicating a loud volume.
- sfz:** *sforzando*, a dynamic marking indicating a strong accent.
- ff:** *fortissimo*, a dynamic marking indicating a very loud volume.
- gliss.:** Glissando, indicated by a wavy line.
- jeté:** A dance-like movement, indicated by a small figure of a person jumping.
- ord.:** Original.
- MST:** Musical Score Template.

18

Pno.

18

Vln.

Vc.

sfz
Red.

sfz
Red.

mp

l.v.

inside piano
pizz. with finger

gliss.

sfp

ff

damp the strings with rest of the fingers
produce half pitch sound
MSP
flautando
sul C

gliss.

gliss.

Alternate slowly between IV, III strings.
only overtones should be heard
Avoid the fundamental sounds.
Very light and continuous bow

The musical score is for three instruments: Piano (Pno.), Violin (Vln.), and Viola (Vc.). It consists of three measures. The Piano part (Pno.) has a treble staff with rests in all three measures and a bass staff with notes and dynamics. The Violin (Vln.) and Viola (Vc.) parts have treble and bass staves with glissandos and dynamic markings. The Viola part includes specific performance instructions for string technique.

21

Pno.

inside piano
pizz. with finger

mp

21

Vln.

jeté
gliss.
f *mp*

flautando
ord. *mp*

sfzp

Vc.

smooth transition between strings

mp

The musical score is written for three instruments: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part begins with a series of rests, followed by a triplet of eighth notes in the right hand and a single eighth note in the left hand, both marked *mp*. The Violin part starts with a *jeté* (glissando) marked *f* to *mp*, followed by a *flautando* section marked *ord.* and *mp*, and ends with a triplet marked *sfzp*. The Viola part features a *smooth transition between strings* and a triplet marked *mp*. The score is marked with measure numbers 21 and 22.

26

Pno.

ORD
l.v.

26

Vln.

irregular vib.

jeté

3

6

mp

f

mp

f

mp

f

6

mp

ff

mp

Vc.

3

Scratch

flautando

ORD

gliss.

gliss.

3

f

mp

mp

mf

mp

sub. f

mp

30

Pno.

ORD
l.v.

ORD
l.v.

f

30

Vln.

f 6 *mp*

f 3 6 *mp*

mf *mp*

molto vib. *non vib.*

Vc.

f 3 *mp*

mf *gliss.*

Pno.

38

Pno.

3

mp

ord.
l.v.

f

f

Gradually Depress

38

Vln.

mp

sf

mp

f

ff

mp

3

Vc.

mf

gliss.

gliss.

ff

mp

The musical score is for a piece titled "Whispers of Entropy". It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part begins at measure 38 with a treble clef and a key signature of one flat. It includes a triplet of eighth notes in the right hand, marked *mp*, and a single note in the left hand. The Violin part also starts at measure 38 with a treble clef and a key signature of one flat. It features a triplet of eighth notes marked *sf*, followed by a *jeté* articulation. The Viola part begins with a half note in the bass clef, marked *mf*, and includes glissando markings. The score includes various dynamic markings such as *mp*, *sf*, *f*, *ff*, and *mf*. A performance instruction "Gradually Depress" is written below the Piano staff, accompanied by a dashed line and a star symbol. The score is numbered 38 at the beginning of each staff.

41

Pno.

generate iterative sound with fishing line

f *fff*

41

Vln.

mp *f* 3 6

mp *fff*

ord. *gliss.* Scratch

41

Vc.

f *mp*

ord. sul C *gliss.* *mf* *fff* Scratch

45

Pno.

generate continuous sound with fishing line as if it is a bow

45

Vln.

scratch

ff

IV → I
Scratch → ord.

port

ff

mf

mf

f

6

mf

jeté

45

Vc.

scratch

ff

3

Scratch → flautando

ff

mp

f

mp

The musical score is for a piece titled "Whispers of Entropy" on page 16. It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part starts at measure 45 with a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. A performance instruction "generate continuous sound with fishing line as if it is a bow" is written above the bass clef. The Violin part also starts at measure 45 with a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. It includes a "scratch" instruction and a dynamic of "ff". The Viola part starts at measure 45 with a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. It includes a "scratch" instruction and a dynamic of "ff". The score includes various musical notations such as rests, notes, dynamics, and performance instructions. The Piano part has a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. The Violin part has a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. The Viola part has a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. The score includes various musical notations such as rests, notes, dynamics, and performance instructions. The Piano part has a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. The Violin part has a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. The Viola part has a rest in the treble clef and a bass clef line with a "V" symbol and a circled cross. The score includes various musical notations such as rests, notes, dynamics, and performance instructions.

51

Pno.

generate iterative sound with fishing line

generate continuous sound with fishing line as if it is a bow

f *fff*

mf *f* *mf*

6

jeté

ord. → Scratch

ff

gl/iss.

I → IV

scratch

ff

ff

3/4 5/4 4/4

Vln.

Vc.

ff

3/4 5/4 4/4

The musical score is for a piece titled "Whispers of Entropy". It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The score begins at measure 51. The Piano part has a treble and bass clef. The Violin and Viola parts have treble and bass clefs respectively. The score includes various dynamic markings such as *mf*, *f*, *fff*, and *ff*. There are also articulation marks like *jeté* and *scratch*, and performance instructions like "generate iterative sound with fishing line" and "generate continuous sound with fishing line as if it is a bow". The score is divided into measures with time signatures 3/4, 5/4, and 4/4. The Piano part has a section with a "fishing line" graphic and a "generate iterative sound" instruction. The Violin and Viola parts have sections with "jeté" and "scratch" markings. The Viola part has a section with a "gl/iss." marking. The score ends with a final measure in 4/4 time.

The musical score consists of three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The key signature has one sharp (F#) and the time signature changes from 4/4 to 3/4 at measure 57, returning to 4/4 at measure 58.

- Piano (Pno.):** Measures 55-56 are whole rests. In measure 57, there is a triplet of eighth notes (G4, A4, B4) followed by a quarter rest. Measure 58 is a whole rest.
- Violin (Vln.):** Measures 55-56 are whole rests. In measure 57, there is a triplet of eighth notes (G4, A4, B4) followed by a quarter note (C5). Measure 58 is a whole rest.
- Viola (Vc.):** Measures 55-56 are whole rests. In measure 57, there is a triplet of eighth notes (G4, A4, B4) followed by a quarter note (C5). Measure 58 is a whole rest.

Rehearsal mark 55 is indicated above the first staff. Dynamics include *ff* (fortissimo) for the string parts in measures 57 and 58. Performance markings include accents (^) over the notes in measures 57 and 58, and a fermata (⌒) over the final note in measure 57.

58

Pno.

generate mostly regular iterative sound that has some irregularities
slide a solid card on the strings
generate click sounds

58

Vln.

generate mostly regular iterative click sounds with some irregularities
stay close to the frog

scratch

generate mostly regular iterative click sounds with some irregularities
stay close to the frog

scratch

jeté

IT CLICK

Vc.

ff sub. p

ff

mf fp

ff

3

3

61

Pno.

61

Vln.

Vc.

IT CLICK
al tallone

IT CLICK
al tallone

IT CLICK
al tallone

IT CLICK
al tallone

l.v.

Gradually Depress

sfz

ff

mp

f

mp

sfz

ff

f

gliss.

gliss.

gliss.

gliss.

3

3

3

3

64

Pno.

64

Vln.

Vc.

l.v.

sfz

(high pitch)
Upper side of the strings*

f

f

ff

sfz

ff

f

f

ff

sfz

ff

l.v.

66

Pno.

slide a solid card on the string
inside the piano,
generate rattling sound

f

mp

f

Red. Gradually Press

Vln.

f

Vc.

6

gliss.

68 Inside Piano - hit the strings with the card

Pno.

Vln.

Vc.

68

mp *mf* *mp* *f* *3* *mp*

Alternate slowly between IV, III strings.
only overtones should be heard
Avoid the fundamental sounds.
MSP

ORD

Alternate slowly between IV, III strings.
only overtones should be heard
Avoid the fundamental sounds.
MSP

mp *mp* *f* *mp*

71

Pno.

generate iterative sound with fishing line

71

Vln.

f 3 *mp*

Vc.

gliss. 3 *ORD* *MSP* *gliss.* *f* *mp*

The musical score is for a piece titled "Whispers of Entropy" on page 24. It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part begins at measure 71 with a treble and bass clef. It consists of five measures of whole rests, followed by a measure with a triplet of eighth notes in the bass clef and a spiral symbol above it. The next measure contains a series of rapid, repetitive eighth notes in the bass clef, with a wavy line above them and the text "generate iterative sound with fishing line". The Violin part also begins at measure 71 with a treble clef. It features a series of long, sustained notes with a wavy line above them, followed by a triplet of eighth notes in the bass clef marked with a forte (*f*) dynamic. The Viola part begins at measure 71 with a bass clef. It features a series of long, sustained notes with a wavy line above them, followed by a triplet of eighth notes in the bass clef marked with a forte (*f*) dynamic. The Viola part also includes a section marked "ORD" and "MSP" with a wavy line above them, and a section marked "gliss." with a wavy line above them. The Viola part concludes with a measure marked with a forte (*f*) dynamic and a wavy line above them.

The musical score for 'The Great Wall' features three staves: Piano (Pno.), Violin (Vln.), and Viola/Celli (Vc.).

- Piano (Pno.):** The score begins with a treble clef and a bass clef. The right hand plays a series of chords, while the left hand plays a series of eighth notes. A dynamic marking of *ff* (fortissimo) is present, followed by a crescendo leading to a *p* (piano) dynamic. A note with a fermata is marked with the instruction "generate iterative sound with fishing line".
- Violin (Vln.):** The score begins with a treble clef. The violin plays a series of chords, with a dynamic marking of *f* (forte) and a crescendo leading to a *mp* (mezzo-piano) dynamic.
- Viola/Celli (Vc.):** The score begins with a bass clef. The Vc. plays a series of chords, with a dynamic marking of *mp* (mezzo-piano) and a crescendo leading to a *f* (forte) dynamic. A note with a fermata is marked with the instruction "generate iterative sound with fishing line".

80

Pno.

generate continuous sound with fishing line

80

Vln.

Vc.

f 6 *f* *mp* *ff* *mp* 3 *mf*

3 *mp* 5 *mf* gliss. *f* *mp* *mp* *f* 3 3 *mp*

84

Pno.

generate iterative sound with fishing line

Vln.

Vc.

This musical score page contains measures 84 through 87 for three instruments: Piano (Pno.), Violin (Vln.), and Violoncello (Vc.).

- Piano (Pno.):** The upper staff is mostly silent, with rests in measures 84, 85, 86, and 87. The lower staff begins with a half note G2 in measure 84, tied to a half note G2 in measure 85. In measure 86, it plays a quarter note F2, followed by a quarter rest, and then a quarter note G2. In measure 87, it plays a half note G2. A graphic notation in measure 87 shows a series of horizontal lines of varying lengths, with the text "generate iterative sound with fishing line" above it.
- Violin (Vln.):** The staff begins with a half note G4 in measure 84, tied to a half note G4 in measure 85. In measure 86, it plays a half note F4, followed by a half note G4. In measure 87, it plays a half note G4. Dynamics include *f* (forte) and *mp* (mezzo-piano).
- Violoncello (Vc.):** The staff begins with a half note G2 in measure 84, tied to a half note G2 in measure 85. In measure 86, it plays a half note F2, followed by a half note G2. In measure 87, it plays a half note G2. Dynamics include *f* (forte) and *mp* (mezzo-piano).

88

Pno.

88

Vln.

Vc.

mf *mp*

f

mp *ff*

6

This musical score page contains measures 88 through 91 for three instruments: Piano (Pno.), Violin (Vln.), and Viola (Vc.). Measure 88 features a piano accompaniment with a treble clef staff containing a whole rest and a bass clef staff containing a half note. The violin and viola parts begin with a whole note chord. In measure 89, the piano accompaniment continues with whole rests, while the violin and viola parts move. The violin part has a dynamic of *f* and a fermata. The viola part has a dynamic of *mp* and a fermata. In measure 90, the piano accompaniment has a whole rest in the treble and a half note in the bass. The violin part has a dynamic of *f* and a fermata. The viola part has a dynamic of *ff* and a sixteenth-note scale. In measure 91, the piano accompaniment has a whole rest in the treble and a half note in the bass. The violin part has a whole rest. The viola part has a dynamic of *f* and a half note. The page number 28 is in the top left, and the title 'Whispers of Entropy' is in the top center.

92

Pno.

Vln.

Vc.

This musical score page contains measures 92 through 95. It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.).

- Measure 92:** The Piano part has a treble clef with a whole rest and a bass clef with a triplet of eighth notes (G4, A4, B4) marked *f*. The Violin part has a treble clef with a whole rest. The Viola part has a bass clef with a quarter rest.
- Measure 93:** The Piano part has a treble clef with a whole rest and a bass clef with a whole rest. The Violin part has a treble clef with a quarter rest. The Viola part has a bass clef with a whole rest.
- Measure 94:** The Piano part has a treble clef with a whole rest and a bass clef with a triplet of eighth notes (G4, A4, B4) marked *f*. The Violin part has a treble clef with a quarter rest. The Viola part has a bass clef with a whole rest.
- Measure 95:** The Piano part has a treble clef with a whole rest and a bass clef with a whole rest. The Violin part has a treble clef with a half note (Bb4) marked *f*. The Viola part has a bass clef with a whole rest.

The image displays a musical score for three instruments: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The score is written in 3/4 time and consists of four measures. The Piano part features a complex rhythmic pattern in the right hand, including a quintuplet and a triplet, and a dynamic marking of *f*. The Violin part includes a *jeté* marking, a *gliss.* marking, and a dynamic marking of *f*. The Viola part includes a *jeté* marking, a *gliss.* marking, and a dynamic marking of *f*. The score is written in a system with three staves, each with a key signature of one flat and a time signature of 3/4.

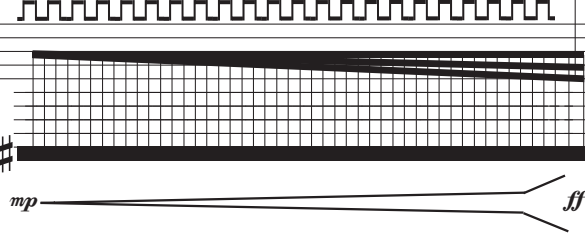
arpeggiate the strings with pick inside the piano
irregular rythm

8va

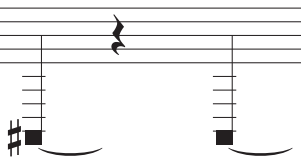


mp *f*

slide a solid card on the string
inside the piano,
generate rattling sound



hit the string with the card



Pno.

100

6/4

4/4

7/4

Vln.

100

6/4

4/4

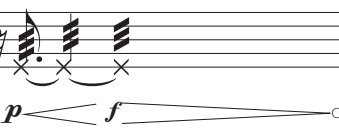
7/4

mp *f*

p *f*

mp *f* *mp* *f*

damp the strings
sul C generate filtered noise



ORD



Vc.

f *gliss.*

p *f*

f *gliss.*

arpeggiate the strings with pick inside the piano
irregular rhythm

tremolo in the string with pick inside the piano
irregular rhythm

8va

gliss.

gliss.

104

Pno.

f

f

mp *f*

MSP

104

Vln.

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

sul C damp the strings
generate filtered noise

MSP

Vc.

mp *f* *mf* *mp* *gliss.* *f*

A ♩ = 130

Pno.

hit with a solid card to the strings inside the piano

generate continuous sound with fishing line as if it is a bow

Scratch tone

Scratch tone

Scratch tone

Vln.

108

flautando sul A

mp < *fp* *mp* < *f*

ff *mf* < *f* *ff*

flautando sul A

mp < *fp* *mp* < *f*

sul G
half crini
half tratto

Vc.

flautando sul C

gliss.

fp < *fp* *mp* < *fp*

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

flautando sul C

gliss.

mp < *fp* *mp* < *fp* *mp* < *fp*

ff

112

Pno.

Scratch tone

Scratch tone

Scratch tone

Scratch tone

Vln.

flautando

mp

f

ff

mp

f

mp

f

Vc.

flautando sul C

gliss.

mp

fp

mp

f

fp

f

mp

fp

mp

Scratch tone

Scratch tone

Scratch tone

Scratch tone

115

Pno.

Scratch tone

Scratch tone

115

Vln.

Scratch tone

115

Vc.

Scratch tone

115

116

117

118

119

120

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

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

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

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

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

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

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

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

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

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

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

524

525

526

527

528

529

530

531

532

533

534

535

536

537

538

539

540

541

542

543

544

545

546

547

548

549

550

551

552

553

554

555

556

557

558

559

560

561

562

563

564

565

566

567

568

569

570

571

572

573

574

575

576

577

578

579

580

581

582

583

584

585

586

587

588

589

590

591

592

593

594

595

596

597

598

599

600

601

602

603

604

605

606

607

608

609

610

611

612

613

614

615

616

617

618

619

620

621

622

623

624

625

626

627

628

629

630

631

632

633

634

635

636

637

638

639

640

641

642

643

644

645

646

647

648

649

650

651

652

653

654

655

656

657

658

659

660

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

677

678

679

680

681

682

683

684

685

686

687

688

689

690

691

692

693

694

695

696

697

698

699

700

701

702

703

704

705

706

707

708

709

710

711

712

713

714

715

716

717

718

719

720

721

722

723

724

725

726

727

728

729

730

731

732

733

734

735

736

737

738

739

740

741

742

743

744

745

746

747

748

749

750

751

752

753

754

755

756

757

758

759

760

761

762

763

764

765

766

767

768

769

770

771

772

773

774

775

776

777

778

779

780

781

782

783

784

785

786

787

788

789

790

791

792

793

794

795

796

797

798

799

800

801

802

803

804

805

806

807

808

809

810

811

812

813

814

815

816

817

818

819

820

821

822

823

824

825

826

827

828

829

830

831

832

833

834

835

836

837

838

839

840

841

842

843

844

845

846

847

848

849

850

851

852

853

854

855

856

857

858

859

860

861

862

863

864

865

866

867

868

869

870

871

872

873

874

875

876

877

878

879

880

881

882

883

884

885

886

887

888

889

890

891

892

893

894

895

896

897

898

899

900

901

902

903

904

905

906

907

908

909

910

911

912

913

914

915

916

917

918

919

920

921

922

923

924

925

926

927

928

929

930

931

932

933

934

935

936

937

938

939

940

941

942

943

944

945

946

947

948

949

950

951

952

953

954

955

956

957

958

959

960

961

962

963

964

965

966

967

968

969

970

971

972

973

974

975

976

977

978

979

980

981

982

983

984

985

986

987

988

989

990

991

992

993

994

995

996

997

998

999

1000

119

Pno.

Scratch tone

Scratch tone

Scratch tone

Scratch tone

ff

ff

mp

ff

mp

ff

Vln.

Scratch tone

ORD.

3

fp

fp

ff

mp

ff

Vc.

flautando sul C

gliss.

3

Scratch tone

ORD.

gliss.

gliss.

gliss.

fp

fp

fp

ff

mp

ff

122

Pno.

Scratch tone

Scratch tone

Scratch tone

Scratch tone

Vln.

122

f *ff*

gliss. *gliss.*

mp *f*

sul G
Scratch tone

Vc.

fp *ff*

gliss. *gliss.*

fp *mf* *mp* *f*

Scratch tone

126

Pno.

Scratch tone

126

Vln.

Scratch tone

126

Vc.

Scratch tone

The image displays a musical score for three instruments: Piano (Pno.), Violin (Vln.), and Viola (Vc.), spanning measures 126 to 130. The score is written in a system with three staves. The Piano part is in the top staff, the Violin part in the middle, and the Viola part in the bottom. The time signature changes from 5/4 to 2/4 in measure 127, back to 5/4 in measure 128, back to 2/4 in measure 129, and finally to 6/4 in measure 130. Each instrument part features a 'Scratch tone' indicated by a thick black bar above the staff. The Piano part has a forte (f) dynamic marking and a slur over the first three notes of measure 126. The Violin and Viola parts also have forte (f) dynamic markings and slurs over their first three notes in measure 126. The score is written in a system with three staves, and the measures are numbered 126, 127, 128, 129, and 130.

130

Pno.

Scratch tone

f

mp *f*

Vln.

ff

mp *f*

Vc.

Scratch tone

f

mp *f*

This musical score page contains measures 130 through 134. It features three staves: Piano (Pno.), Violin (Vln.), and Violoncello (Vc.). The time signature changes from 6/4 to 3/4, then to 5/4, then to 4/4, and finally to 5/4. The Piano part includes 'Scratch tone' markings in measures 130, 132, and 134. The Violin and Violoncello parts have dynamic markings of *ff*, *mp*, and *f*. The Violoncello part also includes 'Scratch tone' markings in measures 132 and 134. The score is written in a modern, minimalist style with a focus on texture and dynamics.

134

Pno.

Scratch tone

Vln.

Scratch tone

Vc.

Scratch tone

This musical score page contains measures 134 through 137. It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part has a treble staff with whole rests and a bass staff with a melodic line of eighth notes (Bb, A, G, F) and a 'Scratch tone' in the first measure of each 4-measure group. The Violin part has a treble staff with a melodic line in measure 134, a whole rest in 135, and a melodic line in 136, followed by a whole rest in 137. The Viola part has a bass staff with a melodic line of eighth notes (Bb, A, G, F) and a 'Scratch tone' in the first measure of each 4-measure group. The time signature changes from 5/4 to 3/4 in measure 135, back to 5/4 in measure 136, and finally to 4/4 in measure 137. Dynamics include *f* and *ff*. Performance markings include 'Scratch tone' with a downward bow stroke and a circled cross symbol.

138

Pno.

Scratch tone

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

Vln.

Scratch tone

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

Vc.

Scratch tone

f *ff* *fp* *f* *fp* *f* *ff* *fp* *f* *ff*

flautando sul C

[illegible]

145

Pno.

Scratch tone

Scratch tone

Scratch tone

Scratch tone

Vln.

Scratch tone

Scratch tone

Scratch tone

Scratch tone

Vc.

Scratch tone

Scratch tone

Scratch tone

Scratch tone *flautando*

ORD to MSP
Alternate slowly between IV, III strings.
only overtones should be heard
Avoid the fundamental sounds.

The musical score is divided into three systems: Piano (Pno.), Violin (Vln.), and Viola (Vc.). Each system contains five measures corresponding to measures 145 through 150 of the piece. The time signature changes from 3/4 to 4/4 in measure 147 and to 6/4 in measure 149. The Piano part features 'Scratch tone' markings in measures 145, 146, 147, and 149, with a 'Led.' (Lead) line starting in measure 149. The Violin and Viola parts also feature 'Scratch tone' markings in measures 146, 147, 148, and 149. Dynamic markings include *ff*, *sfz*, *mp*, *mf*, *fp*, and *p*. The Viola part includes a performance instruction: 'ORD to MSP Alternate slowly between IV, III strings. only overtones should be heard Avoid the fundamental sounds.' The Viola part also includes a 'Scratch tone flautando' marking in measure 149.

B

Pno.

use rubber on the string
produce and hold harmonics

inside piano
pizz. with finger
♭

mp *f* *ff*

149 *MSP flautando*

Vln.

mp

Vc.

mp

transition from G to C
play C with the piano

C

mp

The musical score is for a piece titled "Whispers of Entropy". It features three staves: Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part is in 4/4 time and includes a section marked "B". The Piano part has a long melodic line with dynamics *mp*, *f*, and *ff*. It also includes a section with a pizzicato instruction and a fingered note. The Violin and Viola parts feature sustained notes with a flautando effect and a transition from G to C.

154

Pno.

use rubber on the string
produce and hold harmonics

inside piano
pizz. with finger
♭

mp *f* *ff*

Vln.

Vc.

The musical score is divided into three systems. The first system is for the Piano (Pno.), the second for the Violin (Vln.), and the third for the Violoncello (Vc.). The Pno. part begins with a treble clef and a key signature of one flat. The Vln. and Vc. parts begin with a treble clef and a key signature of one flat. The Pno. part includes a rubric 'use rubber on the string produce and hold harmonics' with an arrow pointing to the string, and 'inside piano pizz. with finger' with a flat symbol. Dynamics include *mp*, *f*, and *ff*. The Vln. and Vc. parts consist of sustained notes with slurs.

161

Pno.

inside piano
pizz. with finger
♭

ff

161

Vln.

Vc.

mp

165

Pno.

use rubber on the string
produce and hold harmonics

mp *f*

Vln.

Vc.

The musical score for measures 165-169 of 'Whispers of Entropy' is presented for Piano (Pno.), Violin (Vln.), and Violoncello (Vc.).

Piano (Pno.): The staff shows rests for measures 165, 166, 167, and 168. In measure 169, a note is marked with a 'use rubber on the string produce and hold harmonics' instruction. A dynamic marking of *mp* (mezzo-piano) is placed below the staff, which then crescendos to *f* (forte) by the end of measure 169.

Violin (Vln.): The staff shows sustained harmonic notes (indicated by a horizontal line above the note head) across all five measures. The time signature changes from 3/4 to 4/4 in measure 166, to 6/4 in measure 168, and back to 4/4 in measure 169.

Violoncello (Vc.): The staff shows sustained harmonic notes (indicated by a horizontal line below the note head) across all five measures. The time signature changes from 3/4 to 4/4 in measure 166, to 6/4 in measure 168, and back to 4/4 in measure 169.

169

Pno.

use rubber on the string
produce and hold harmonics

inside piano
pizz. with finger
 ϕ

mp *f*

mf

Vln.

Vc.

The musical score for measures 169-172 of 'Whispers of Entropy' is presented for Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Piano part consists of two staves (treble and bass) with time signatures 4/4, 7/4, 6/4, and 4/4. It features rests in the first three measures and a half note in the fourth measure. The Violin and Viola parts also consist of two staves each, with time signatures 4/4, 7/4, 6/4, and 4/4. They feature sustained notes with slurs across the measures. Performance instructions include 'use rubber on the string produce and hold harmonics' for the Piano, 'inside piano pizz. with finger' for the Piano, and dynamic markings 'mp', 'f', and 'mf'.

Whispers of Entropy

49

The image shows a musical score for measures 173 to 177. The score is divided into three systems, each with a different instrument: Piano (Pno.), Violin (Vln.), and Viola (Vc.).

- Piano (Pno.):** The piano part is written in treble and bass staves. Measures 173-175 show whole rests in both staves. In measure 176, the bass staff has a half note G2 (one ledger line below the staff) with the instruction "inside piano pizz. with finger" and a fingering symbol (a circle with a dot). The treble staff has a whole rest. Measure 177 has whole rests in both staves. The time signature changes from 3/4 to 5/4 between measures 176 and 177.
- Violin (Vln.):** The violin part is written in a single treble staff. Measures 173-175 have whole notes G4, A4, and B4, respectively, all tied across measures. In measure 176, there is a half note G4. In measure 177, there is a half note A4. The time signature changes from 3/4 to 5/4 between measures 176 and 177.
- Viola (Vc.):** The viola part is written in a single bass staff. Measures 173-175 have whole notes G3, A3, and B3, respectively, all tied across measures. In measure 176, there is a half note G3. In measure 177, there is a half note A3. The time signature changes from 3/4 to 5/4 between measures 176 and 177.

A dashed line is present below the piano part, likely indicating a page fold or a continuation of the score.

177

Pno.

use rubber on the string
produce and hold harmonics

slide a solid card on the string
inside the piano,
generate rattling sound

wait until the sound
gradually fades

mf *f* *mf* *ff*

177

Vln.

Vc.

wait until the sound of piano
gradually fades

wait until the sound
gradually fades