

Unraveled

for percussion quartet and
impossible electronic orchestra

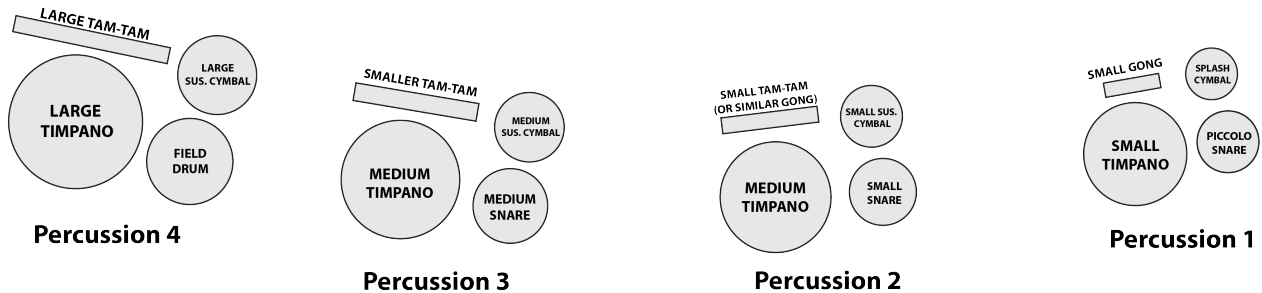
by Marc Evans

Instrumentation:

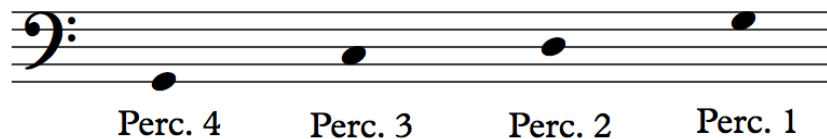
- 4 Tam-Tams and/or Gongs ranging from large to small
- 4 Pedal Timpani ranging in size from large to small, tuned as specified below
- 4 Suspended Cymbals ranging from large ride to small splash
- 4 Snares ranging in size from field drum to piccolo snare

Suggested Layout:

AUDIENCE

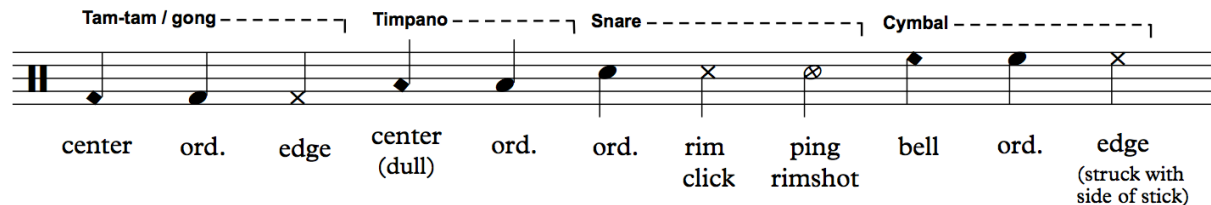


Timpani tuning:

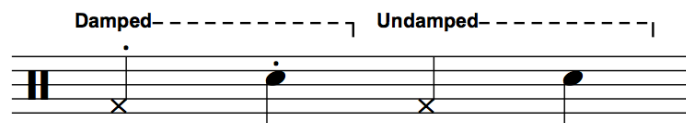


Notation:

Three different noteheads have been used to express the contact point on each instrument. In all cases, a diamond notehead signifies a contact point in the center of the instrument, an "x" notehead represents a contact point at the rim or edge, and a normal notehead represents an intermediate, ordinary contact point. In addition, a special notehead has been designated for a ping rimshot on the snare.



Staccato dots signify that the sound of the instrument is damped by placing a towel or something similar on the surface of the instrument. Instructions to add or remove the towel have been added to the score at appropriate places.



Thus, it is important that the accented notes are played at a significantly higher dynamic than the unaccented notes, so that the rhythm they form together is projected.

Electronics and Click Track:

Parallel to the rhythmic processes in the percussion, an “impossible electronic orchestra” gradually reconstructs the famous Bolero melody. The deconstruction and reconstruction of the melody was done via a Fourier Analysis and re-synthesis of the pitch contour of the Bolero melody. (You can read more about this process at <http://marcevanstein.com/Writings/SpectralMelodyDecomposition.pdf>.)

The performance is synced to the electronics via a constant click track at 120 bpm for all parts. This click-track offers two additional dings at the start and midpoints of each six bar cycle for added security.

Unraveled

Marc Evanstein

♩. = 120 throughout

place gong on towel to dampen throughout

Percussion 1

Percussion 2

Percussion 3

Percussion 4

FINGERTIPS

pp *mp*

l.v.

STRIKE WITH A COIN
sempre l.v.

mf

10

Perc. 1

Perc. 2

Perc. 3

Perc. 4

(COIN)

FINGERTIPS
sempre l.v.

mp

19

Perc. 1

Perc. 2

Perc. 3

Perc. 4

BRUSH SWIRL

p *mp* *p* *p* *mp* *p*

27 MALLETS

Perc. 1 *pp* *mp* l.v.

Perc. 2

Perc. 3

Perc. 4 (COIN)

35 **A** BRUSH SWIRL

Perc. 1 *p* *mp* *p* *p* *mp*

FINGERTIPS - sempre l.v.

(slap edge for ping-like sound)

Perc. 2 *mp*

Perc. 3

Perc. 4 (COIN) *mf*

42

Perc. 1 *p*

Perc. 2

Perc. 3 BRUSHES *p cresc.* *mp* l.v.

Perc. 4

50

FINGERTIPS-----3

Perc. 1

l.v.

p *mp* *p*

Perc. 2

Perc. 3

BRUSH SWIRL

p *mp*

(COIN)

Perc. 4

mp

57

Perc. 1

l.v.

mp *p* *mp*

Perc. 2

Perc. 3

BRUSHES

p

(COIN)

Perc. 4

mp

65

(FINGERTIPS)

Perc. 1

p *mf* *p*

Perc. 2

Perc. 3

l.v.

FINGERTIPS-----

mp *mp*

(COIN)

Perc. 4

mp

FINGERTIPS-----

p *mp*

72

BRUSH SHAKE

simile

Perc. 1

pp *mp* *pp* *p*

Perc. 2

Perc. 3

FINGERNAILS ord. bell

Perc. 4

p *p* *mp*

79

BRUSHES

STICK FINGERTIPS

TWO BRUSHES (R.H. one above and one below)

FINGERTIP

Perc. 1

p *mp* *p* *f*

mp

mf

ord. ord. bell ord.

Perc. 2

Perc. 3

Perc. 4

p *p* *mp* *p*

86

B STICKS

sempre l.v. half-choke*

Perc. 1

p *mf*

STICK

Perc. 2

mf

Perc. 3

mf l.v. (FINGERTIP)

Perc. 4

BRUSH l.v.

p *mf*

92

Perc. 1

Perc. 2

Perc. 3

Perc. 4

100

Perc. 1

Perc. 2

Perc. 3

Perc. 4

MALLETS
pp lontano

BRUSH
(sempre l.v.)
mf

107

Perc. 1

Perc. 2

Perc. 3

Perc. 4

cresc.

mp dim.

114

Perc. 1

Perc. 2

Perc. 3

Perc. 4

BRUSHES

pp

mp

l.v.

BRUSH

121

Perc. 1

Perc. 2

Perc. 3

Perc. 4

pp

mp

l.v.

FINGERTIPS

(slap edge for ping-like sound)

mf

128

Perc. 1

Perc. 2

Perc. 3

Perc. 4

FINGERTIPS

p

mf

p

mf

135

Perc. 1

Perc. 2

Perc. 3

Perc. 4

FINGERTIPS

p *mf* *p*

FINGERNAILS ord. bell

BRUSH

FINGERTIPS

142

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p *mf* *p* *p*

ord. bell

149

Perc. 1

Perc. 2

Perc. 3

Perc. 4

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

ord. FINGERTIPS

> (l.v.)

C

155

Perc. 1

MALLETS

Perc. 2

pp *cresc. poco a poco* (*cresc.*)

Perc. 3

p *mf*

L.H. BRUSH
R.H. STICK

(brush on snare stick on tam / cym)

mf (PING)

Perc. 4

BRUSH FINGERTIPS

f

162

Perc. 1

Perc. 2

f

(sempre l.v.)

Perc. 3

BRUSH (one handed)

Perc. 4

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

pick up 1 drumstick and 1 timpani mallet

169

Perc. 1

(STICK)

mf

MALLETS

Perc. 2

pp *cresc.* *mf*

Perc. 3

Perc. 4

BRUSH SHAKE

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

176

(TIMPANI MALLET)

Perc. 1

Perc. 2

Perc. 3

Perc. 4

dim. *p*

f *p* *f* *p*

BRUSH (one handed)

BRUSHES

183

Perc. 1

Perc. 2

Perc. 3

Perc. 4

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

mf *p*

l.v.

190

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p *pp cresc. poco a poco*

mf *mp* *f*

STICKS

FINGERTIPS

l.v.

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mf *dim.*

mp *f* *mp* *f*

Perc. 1

Perc. 2

Perc. 3

Perc. 4

(STICKS) ord. bell ord. bell

pp *p* *mf* *p* *mf*

MALLETS

p *cresc. poco a poco*

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ord. bell ord.

p *mf* *p*

mf *dim.*

Perc. 1

Perc. 2

Perc. 3

Perc. 4

MALLETS

p cresc. poco a poco

cresc.

STICKS

ord. bell ord. bell

pp p mf p mf

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f

mf dim. p

f

ord. bell ord. bell ord.

p mf p mf p p

D

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f

STICKS

mf

dampen tam-tam with towel turn snares off pick up timpani mallets

ff

l.v. dampen tam-tam swap left drumstick with towel for timpani mallet

f

snares off

237

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mf *cresc. poco a poco*

STICKS (snares off)

243

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mp *p*

TIMPANI MALLETS (snares off)

p *mp*

249

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mp *p* *mp* *p*

255

Perc. 1

Perc. 2

(snares still off)

Perc. 3

p ————— *mp* *p* ————— *mp*

Perc. 4

260

MALLETS

1.v.

Perc. 1

p ————— *mf*

Perc. 2

(TIMPANI MALLETS)

Perc. 3

p ————— *mf* ————— *p*

Perc. 4

266

1.v.

Perc. 1

p ————— *mf*

Perc. 2

Perc. 3

p ————— *mf* ————— *p* *p*

Perc. 4

273

Perc. 1 *p*

Perc. 2

Perc. 3 *mf* *p* *turn snares on*

Perc. 4

279 I.v. TIMPANI MALLETS (snares still off)

Perc. 1 *f* *p* *mf* *p* *p*

Perc. 2

Perc. 3 (TIMPANI MALLETS) (snares on) *p cresc.* *mf* *dim.*

Perc. 4

285

Perc. 1 *mp* *p* *mf* *p* *mf*

Perc. 2

Perc. 3 *p cresc.*

Perc. 4

291

Perc. 1 *p* *mf* *p* *mf* *p* *mp*

Perc. 2

Perc. 3 *mf* *dim.* *p*

Perc. 4

297

E

Perc. 1 *p* *mf*

Perc. 2 *f* *turn snares off* *(snares off)* *p*

Perc. 3 *MALLETS* *p* *cresc.* *mf* *l.v.*

Perc. 4 *turn snares off*

302

Perc. 1 *fp* *mf* *cresc. poco a poco*

Perc. 2 *mf* *p* *STICKS*

Perc. 3 *STICKS*

Perc. 4 *STICKS* *p* *mp* *p* *l.v.*

307

Perc. 1 *mf* *fp* *mf*

Perc. 2 STICKS *p*

Perc. 3 *cresc. poco a poco*

Perc. 4 *mf* *p*

312

Perc. 1 *fp*

Perc. 2 *f* *p* *mf* (snares off)

Perc. 3

Perc. 4 *mf* l.v. remove towel from tam-tam turn snares on

F

317

Perc. 1 *mf*

Perc. 2 *p* *mf* *p* *mf*

Perc. 3

Perc. 4 *p* *cresc.* *mf*

322

Perc. 1 *fp* *mf*

Perc. 2 *p* *mf* *p* *mf* *p*

Perc. 3

Perc. 4 *p* *f* *p*

327

Perc. 1 *fp* *mf*

Perc. 2 *turn snares on* *(snares on)* *p*

Perc. 3 *mf*

Perc. 4 *mf dim.*

332 **G**

Perc. 1 *fp* *mf*

Perc. 2 *mf* *cresc. poco a poco*

Perc. 3 *(snares on)* *p* *mf*

Perc. 4 *(STICKS)* *p* *l.v.* *mf*

337

Perc. 1

Perc. 2

Perc. 3

Perc. 4

fp *mf*

(STICKS) ord. bell

MALLETS *p* *p* *mf*

p cresc.

342

Perc. 1

Perc. 2

Perc. 3

Perc. 4

fp

ord. bell ord.

p *p* *mf* *p*

l.v. *mf*

347

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mf

ord. bell ord. ord.

p *mf* *p* *p*

p cresc.

352

Perc. 1 *fp* *mf*

Perc. 2

Perc. 3 bell ord. remove towel from tam-tam *mf* *p*

Perc. 4 *f* 1.v.

357

Perc. 1 *fp* *f*

Perc. 2 *f*

Perc. 3 TAMPANI MALLETS *fp cresc.*

Perc. 4 *p* *mf* 1.v.

362

Perc. 1 *f*

Perc. 2 *sfz* *p*

Perc. 3 *ff*

Perc. 4 *f*

H remove towel from gong turn snares on

R.H. DRUMSTICK
L.H. TAMPANI MALLETS

367

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f

p *f*

dim. *p*

373

Perc. 1

Perc. 2

Perc. 3

Perc. 4

fp cresc.

p *f* *p* *f*

STICKS

p *f*

379

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f dim. *p cresc.*

p *f* *p* *f* *p* *f* *p*

384

Perc. 1 *f dim.* *p cresc.*

Perc. 2

Perc. 3 *f* *p* *f*

Perc. 4

389

Perc. 1 *ff* *p*

Perc. 2

Perc. 3 *p cresc. poco a poco*

Perc. 4

I

394

Perc. 1 *p* *f* *p* l.v.

Perc. 2

Perc. 3

Perc. 4

399

Perc. 1 *f* *p* *f* l.v.

Perc. 2

Perc. 3 *f* *p* l.v.

Perc. 4

405

STICKS (snares on) **J**

Perc. 1 *f*

Perc. 2 *p cresc.*

Perc. 3 *ff* l.v.

Perc. 4

410

Perc. 1 *f cresc.*

Perc. 2 *f* *p* l.v.

Perc. 3 *p cresc.*

Perc. 4 *f*

415

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f

p

f

420

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f dim.

425 **K**

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p cresc.

p cresc.

R.H. DRUMSTICK
L.H. TIMPANI MALLET

pick up second
timpani mallet

430

Perc. 1 *ff* *sempre*

Perc. 2 *f* *dim.* *p* *cresc.*

Perc. 3 *ff* *sempre*

Perc. 4

435

Perc. 1

Perc. 2 *ff* *l.v.*

Perc. 3

Perc. 4

440

Perc. 1

Perc. 2 *THUMB (or superball)* *l.v.* *ff*

Perc. 3

Perc. 4 *ff* *dim.*

445

L

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ff

THUMB
(or superball)

450

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ff

p cresc.

pp

455

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ff

p

460

Perc. 1

MALLETS

Perc. 2

p *cresc.*

Perc. 3

Perc. 4

ff *dim.*

465

Perc. 1

Perc. 2

ff *dim.*

Perc. 3

Perc. 4

mp *cresc.*

470

Perc. 1

Perc. 2

p

Perc. 3

Perc. 4

ff *dim.*

M

475

Perc. 1

Perc. 2
THUMB
(or superball)
l.v.
ff

Perc. 3

Perc. 4
p

480

Perc. 1

Perc. 2
STICKS
mp l.v. *ff*

Perc. 3

Perc. 4
p cresc. poco a poco

485

Perc. 1

Perc. 2
(STICKS)
p

Perc. 3

Perc. 4

490

N

Perc. 1

ff

Perc. 2

ff

l.v.

Perc. 3

ff

THUMB
(or superball)

Perc. 4

495

Perc. 1

Perc. 2

BOWED

l.v.

ff

Perc. 3

l.v.

ff

Perc. 4

500

Perc. 1

Perc. 2

BOWED

l.v.

ff

Perc. 3

fp

Perc. 4

505

Perc. 1

Perc. 2

Perc. 3

Perc. 4

THUMB
(or superball)

ff

fff

l.v.

510

Perc. 1

Perc. 2

Perc. 3

Perc. 4

BOWED

p cresc.

515

Perc. 1

Perc. 2

Perc. 3

Perc. 4

BOWED

ff

520

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ff

ff

p cresc.

l.v.

THUMB (or superball)

STICKS

O

525

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ff

f

p

f

p

turn snares off

TIMPANI MALLETS

530

Perc. 1

Perc. 2

Perc. 3

Perc. 4

f

p

f

p

f

l.v.

536 *gliss (slow, irregular)*

Perc. 1 *mp cresc.*

Perc. 2

Perc. 3 *turn snares off*
p *mf* *p*

Perc. 4

542

Perc. 1

Perc. 2 *turn snares off*
p *mf*

Perc. 3 *turn snares on*
p cresc.

Perc. 4

P

548

Perc. 1 *f dim.*

Perc. 2 *p* *mf* *p* *l.v.*

Perc. 3 *mf*

Perc. 4

554

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p

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

FINGERTIPS

p *f*

560

Perc. 1

Perc. 2

Perc. 3

Perc. 4

gliss

mp cresc.

mf *p* *p* *mp*

p *p* *f*

l.v.

566

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p cresc.

p *p* *f*

572

Perc. 1 *f dim.*

Perc. 2 *mf*

Perc. 3

Perc. 4 *p*

578

Perc. 1 *p*

Perc. 2 *gliss (slow, irregular)*

Perc. 3 *p cresc.*

Perc. 4 *mf*

584 dampen snare and tam with towel

Perc. 1

Perc. 2

Perc. 3 *f dim.*

Perc. 4 *p cresc.*

gliss (slow, irregular)

590

Perc. 1 *snare on*
p cresc.

Perc. 2

Perc. 3 *p cresc.*

Perc. 4 *mf dim.*

596

Perc. 1 *mf* *dim. poco a poco*

Perc. 2

Perc. 3 *f dim.*

Perc. 4 *> p cresc.* *mf dim.*

R

602

Perc. 1

Perc. 2 *gliss (slow, irregular)*
p cresc.

Perc. 3 *p*

Perc. 4 *gliss*
p *p cresc.*

609

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mf dim.

p

gliss

p cresc.

616

Perc. 1

Perc. 2

Perc. 3

Perc. 4

mf dim.

gliss

p cresc.

623

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p

mp

pp

p cresc.

mp dim.

mf

631

Perc. 1

Perc. 2

Perc. 3

Perc. 4

dim.

p

pp

pp cresc.

638

Perc. 1

Perc. 2

Perc. 3

Perc. 4

p dim.

p dim.

643

Perc. 1

Perc. 2

Perc. 3

Perc. 4

n

n

pp