

For Todd Miller
Refractions 4

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$\text{♩} = 144$

3

Vibraphone 1

R L L R L R L

f

Crotales

To Vib.

Vibraphone 2

f

8^{va}

Marimba 1

f

mp

Marimba 2

f

7

4

← $\text{♩} = \text{♩}$ →

V1

Vibraphone

V2

f R R L L R L R L

8

f

M1

8

4

pp

M2

mp

pp

12/16

12/16

12/16

12/16

12/16

12/16

13

Vibraphone

V1

V1

M1

M2

f

f

f

f

f

mf

mf

p

p

p

f

19

V1

V1

M1

M2

f

p

f

f

f

p

f

f

f

f

f

mf

25 26 30

V1 *mf* *p* 2 //

V2 *mf* *p* 2 //

M1 *p* *mf* 4

M2 *p* *mf* 4

Vibraphone

34 2 2 2 2

V1 2 // *mp*

V2 2 // *mp*

M1 4 4

M2 4 4

42 42

V1
Ped.
Ped.
Ped.
Ped.

V2
Ped.
Ped.
Ped.
Ped.

M1
pp

M2
pp

50 50

V1
Ped.
Ped.
Ped.
Ped.

V2
Ped.
Ped.
Ped.
Ped.

M1

M2

58

58

V1

V2

M1

M2

Ped.

This musical system covers measures 58 to 64. It features four staves: V1 (Violin I), V2 (Violin II), M1 (Mandolin), and M2 (Mandolin). The key signature is one flat (B-flat). The V1 and V2 staves contain melodic lines with slurs and accents. Pedal points are indicated by 'Ped.' markings with upward-pointing triangles. The M1 and M2 staves provide harmonic accompaniment with chords and rhythmic patterns.

65

65

V1

V2

M1

M2

Ped.

pp

ppp

This musical system covers measures 65 to 71. It features the same four staves as the previous system. The V1 and V2 staves continue their melodic lines, with a crescendo leading to a *pp* dynamic marking in measure 71. The M1 and M2 staves continue their accompaniment, with a *ppp* dynamic marking in measure 71. Pedal points are indicated by 'Ped.' markings. The system concludes with repeat signs and first/second endings in measures 70 and 71.

73 74

V1 *f*

V2 Crotales *f*

M1 *p < f* *pp < mf* *pp < mf* *pp < mf* *pp <*

M2 *p* 4 8

84 86

V1

V2 Vibraphone *f*

M1 *mf* *pp < mf* *pp < mf* *mf < f* *mf < f*

M2 12 4 *mf* *mf <*

97

92

V1

V2

M1

M2

f

L

R

p — *f*

p — *f*

p — *f*

p — *f*

3/4

4/4

Crotales

8^{va}

98

V1

V2

M1

M2

f

mf

f

Vibraphone

mp

f

To Vib. 1 (arco)

(8)

mf

mp

pp

f

To Vib. 2 (arco)

8^{va}

mp < *f*

p < *mf*

f

3/4

3/4

3/4

105 105 ♩ = 72

V1 *p* Ped. (until 155)

V2 *p* Ped. (until 155)

M1 Vibraphone *pp < p* To Mar.

M2 Vibraphone *pp < p* To Mar.

4 8

115 119

V1 (*p*) *pp*

V2 LR R RL *pp*

M1 Marimba *mp*

M2 Marimba *mp* R R

127

131

135

V1

V2

M1

M2

(pp)

(pp)

R L L R R L R

p

p

137

143

V1

V2

M1

M2

(pp)

(pp)

(p)

R L R R

(p) R R R

147 **147** **155**

V1 *mp* 4 4 *

V2 *mp* 4 *

M1 4 8 (*p*)

M2 4 8 (*p*)

156 **157** **159** 4

V1 *p* *Red.* *p* *R R L*

V2 *Red.* *p*

M1 *ppp*

M2 *ppp*

163 167 171

V1

V2

M1

M2

mp *ppp* * *p* *mp*

mp *ppp* * *p* *p*

RLRLRRR RL

RLRLRL L LR

173 179

V1

V2

M1

M2

mp

8 12

8 12

L LR R RL RL

RLRL LRLR

182 184

V1

V2

M1

M2

p L L R R R L

p R L R L R L R L

ppp

ppp

198 200 202

V1

V2

M1

M2

p Ped. (until 230)

p Ped. (until 230)

pp *ppp* *p*

pp *ppp* *p*

4

4

208

← 3 → = ♩ →
♩ = 108

205

V1

V2

M1

M2

f

mf

3

4

218

213

V1

V2

M1

M2

f

mf

4

L R L R L R L R L

223 225 230

V1 8 4

V2 8

M1 4 4

M2 4 4

LRLR LRL

LRLR L R

pp * *mf*

pp * *mf*

mp

mp

234 236

V1 4

V2 8 8

pp * *mf*

241 243

Musical score for measures 241-243. The score is in G minor (three flats) and features four staves: V1, V2, M1, and M2. Measures 241 and 242 are in 2/4 time, while measure 243 is in 3/4 time. The music is marked with a forte *f* dynamic. The V1 and V2 staves contain melodic lines with slurs and accents. The M1 and M2 staves contain accompaniment, with M1 starting with a double bar line and the number 12, and M2 starting with a double bar line and the number 12. The M2 staff includes a bass clef in measure 243.

248 251

Musical score for measures 248-251. The score is in G minor (three flats) and features four staves: V1, V2, M1, and M2. Measures 248-250 are in 2/4 time, while measure 251 is in 3/4 time. The music is marked with a forte *f* dynamic. The V1 and V2 staves contain melodic lines with slurs and accents. The M1 and M2 staves contain accompaniment. The M1 staff includes a double bar line and the number 12. The M2 staff includes a bass clef. The score concludes with a double bar line and the number 12. The M1 and M2 staves include fingerings: RLR RLR in the M1 staff and RLR RLR R in the M2 staff.

253

V1

V2

M1

M2

12/16

12/16

12/16

12/16

Detailed description: This system contains measures 253 through 268. It features four staves: V1 (Violin I), V2 (Violin II), M1 (Music I), and M2 (Music II). The key signature has five flats (B-flat major/C minor) and the time signature is 12/16. V1 and V2 play melodic lines with various articulations like accents and slurs. M1 and M2 play rhythmic accompaniment with eighth and sixteenth notes. The system concludes with a double bar line and the time signature 12/16.

259

V1

V2

M1

M2

12/16

12/16

12/16

12/16

mp

mp

mf

mf

4

R

R

L

R

Detailed description: This system contains measures 259 through 268. It features four staves: V1 (Violin I), V2 (Violin II), M1 (Music I), and M2 (Music II). The key signature has five flats and the time signature is 12/16. V1 plays a melodic line starting at measure 259 with a *mp* dynamic. V2 plays chords with a *mp* dynamic. M1 and M2 play rhythmic accompaniment with a *mf* dynamic. M1 has a 'R' (Right hand) marking and M2 has an 'L' (Left hand) marking. A '4' is written above the V2 staff in measure 266. The system concludes with a double bar line and the time signature 12/16.

263

V1 2 2 2

V2 8

M1

M2

L

269

271

V1 2 4

V2 12 4

M1

M2

mf

275 275 279 279

Musical score for measures 275-279. The score is in G major (one sharp) and 4/4 time. It features four staves: V1 (Violin I), V2 (Violin II), M1 (Music I), and M2 (Music II).
- V1: Measures 275-278 contain a melodic line with eighth-note patterns. Measure 279 begins with a dynamic marking of *(mf)*.
- V2: Measures 275-278 contain a melodic line with eighth-note patterns. Measure 279 begins with a dynamic marking of *(mf)*.
- M1: Measures 275-278 contain a rhythmic accompaniment of eighth notes with accents. Measure 279 begins with a dynamic marking of *pp*.
- M2: Measures 275-278 contain a rhythmic accompaniment of eighth notes with accents. Measure 279 begins with a dynamic marking of *p*.
- Rehearsal marks (slashes with dots) are present in measures 275, 276, 277, 278, and 279 for V1 and V2.
- A dynamic marking of *pp* spans measures 277-278 across all staves.
- A dynamic marking of *p* spans measures 279-280 across all staves.
- A dotted line with the number 8 is present in measure 279 on the M1 staff.

282

Musical score for measures 282-288. The score is in G major (one sharp) and 4/4 time. It features four staves: V1 (Violin I), V2 (Violin II), M1 (Music I), and M2 (Music II).
- V1: Measures 282-288 contain a melodic line with eighth-note patterns. Measure 285 includes the marking "L R R R L".
- V2: Measures 282-288 contain a melodic line with eighth-note patterns. Measure 285 includes the marking "8".
- M1: Measures 282-288 contain a rhythmic accompaniment of eighth notes with accents. Measure 285 includes the marking "8".
- M2: Measures 282-288 contain a rhythmic accompaniment of eighth notes with accents.
- Rehearsal marks (slashes with dots) are present in measures 282, 283, 284, 285, 286, 287, and 288 for V1 and V2.
- A dotted line with the number 8 is present in measure 282 on the M1 staff.

290 **291** **295**

V1 4 8

V2 12 4

M1 (8) *f*

M2 *f*

298 **299**

V1 4 4 8

V2 4 4 8

M1 (8) 2 2

M2 2 2

p

311

307

V1 *mf*

V2 *mf*

M1

M2

← ♩ = ♩ → **Push Tempo Slightly**

315 ♩ = 112

314

V1 *f*

V2 *f*

M1

M2

322 323 331

Musical score for measures 322-331. The score is in 4/4 time and features four staves: V1, V2, M1, and M2. The key signature has three flats. Measures 322-325 show a dynamic of *mp* for V1 and V2, and *ppp* for M1 and M2. Measures 326-327 show a dynamic of *f* for M1 and M2. Measures 328-330 are marked with a 4-measure rest symbol. Measure 331 resumes with a dynamic of *mp* for V1 and V2, and *f* for M1 and M2.

333 339

Musical score for measures 333-339. The score is in 4/4 time and features four staves: V1, V2, M1, and M2. The key signature has three flats. Measures 333-335 show a dynamic of *f* for V1 and V2, and *mp* for M1 and M2. Measures 336-337 are marked with a 4-measure rest symbol. Measures 338-339 show a dynamic of *mp* for V1 and V2, and *mp* for M1 and M2.

347

343

Score for measures 343-347. The score is in 4/4 time and features four staves: V1, V2, M1, and M2. The key signature has three flats. V1 starts with a rest, followed by a quarter note G4, a quarter note F4, and a quarter note E4. V2 plays a continuous eighth-note pattern. M1 and M2 play a quarter-note chord. Dynamic markings include *f* for V1 and *mf* for V2. Rehearsal marks are present at the beginning and end of the section.

355

359

351

Score for measures 351-359. The score is in 4/4 time and features four staves: V1, V2, M1, and M2. The key signature has three flats. V1 plays a quarter-note pattern. V2 plays a continuous eighth-note pattern. M1 and M2 play a quarter-note chord. Dynamic markings include *mf* for V1, *ppp* for M1, and *f* for M2. Rehearsal marks are present at the beginning and end of the section.

362 363 367

Musical score for measures 362-367. The score is in 3/4 time with a key signature of three flats (B-flat, E-flat, A-flat). It features four staves: V1 (Violin I), V2 (Violin II), M1 (Music I), and M2 (Music II). Measures 362 and 363 show V1 and V2 with a fermata and a hairpin crescendo leading to a *ppp* dynamic. M1 and M2 enter in measure 363 with a *f* dynamic. Measure 364 has a fermata over the first two staves. Measure 365 has a fermata over the first two staves and a *mf* dynamic for M2. Measure 366 has a fermata over the first two staves. Measure 367 has a fermata over the first two staves and a *f* dynamic for M1 and M2.

370 375

Musical score for measures 370-375. The score is in 3/4 time with a key signature of three flats (B-flat, E-flat, A-flat). It features four staves: V1 (Violin I), V2 (Violin II), M1 (Music I), and M2 (Music II). Measure 370 has a fermata over the first two staves. Measure 371 has a fermata over the first two staves. Measure 372 has a fermata over the first two staves. Measure 373 has a fermata over the first two staves and a *p* dynamic for V1 and V2. Measure 374 has a fermata over the first two staves and a *f* dynamic for V1 and V2. Measure 375 has a fermata over the first two staves and a *p* dynamic for V1 and V2. M1 and M2 have a fermata in measure 370 and a *f* dynamic in measure 371. M1 and M2 have a fermata in measure 372 and a *f* dynamic in measure 373. M1 and M2 have a fermata in measure 374 and a *f* dynamic in measure 375. M1 and M2 have a fermata in measure 375 and a *p* dynamic in measure 375.

378 379

V1 *mf*

V2 *mf*

M1 *p*

M2 *p*

4 8 4

386 391

V1

V2

M1 *f*

M2 *f*

12 16 4 8 12 4

← ♩ = ♩ →
401 ♩=76

395

V1 *mf* 2 6 3/4 6 6 6 *p*

V2 *mf* 4 6 6 6 *p*

M1 8 *ppp* *f* L R L L R R R L

M2 8 *ppp* *f*

404

405

V1 *mf* 4

V2 *mf*

M1 4 *p* 4 8

M2 4 *p* 4 8

413 413 417 417 Marimba 4

V1 *p* *mf*

V2 *p* *mf*

M1 *mf* R L L R L

M2 *mf* R L L R

421 425

V1 *f* *mf* 12/16

V2 *f* *mf* 12/16

M1 *f* R L R L R L L R *pp* 12/16

M2 *f* R L R L R L L R *pp* 12/16

433

431

V1

V2

M1

M2

ppp

p

R

R

L

4

8

4

440

V1

V2

M1

M2

Vibraphone

443

447

Crotales

pp

pp

p

pp

pp

8^{va}

L

R

R

R

R

R

448

V1

V2

M1

M2

p

p

455

455

V1

mp

Vibraphone

V2

p

M1

mp

M2

4

4

4

4

4

4

mp

463

mf

mf

mf

mf

mp

mf

467

Musical score for measures 465-472. The score is in 7/16 time and features four staves: V1, V2, M1, and M2. Measures 465 and 466 are marked with a repeat sign. Measure 467 begins with a forte (*f*) dynamic and includes the rhythmic notation "R L R L L". Measures 468 and 469 are also marked with a repeat sign. Measure 470 contains a four-measure rest, indicated by a "4" above the staff. Measures 471 and 472 are marked with a repeat sign.

475

483

Musical score for measures 473-483. The score is in 3/4 time and features four staves: V1, V2, M1, and M2. Measures 473-474 are marked with a repeat sign. Measures 475-476 are marked with a repeat sign. Measure 477 contains a four-measure rest, indicated by a "4" above the staff. Measures 478 and 479 are marked with a repeat sign. Measure 480 contains a four-measure rest, indicated by a "4" above the staff. Measure 481 is marked with a repeat sign. Measure 482 is marked with a repeat sign. Measure 483 begins with a piano (*p*) dynamic and features a 3/4 time signature change. The V1 and V2 staves have long notes with a slur, while the M1 and M2 staves have a series of sixteenth notes with a slur. The M1 and M2 staves are marked with a pianissimo (*pp*) dynamic.

484

V1

V2

M1

M2

Crotales

p

Ped.

491

V1

V2

M1

M2

Vibraphone

mp

mp

12/16

499 499 503

V1 *p* *mf*

V2 *p* *mf*

M1 *mp*

M2 *mp*

8va

504 507

V1 *p*

V2 *p*

M1 *pp*

M2 *pp*

8

511

515

V1

V2

M1

M2

pp

Crotales

p

ppp

ppp

518

523

V1

V2

M1

M2

mp

p

mp

mp

Vibraphone

525 527

The musical score consists of four staves labeled V1, V2, M1, and M2. The key signature has four flats. The first two staves (V1 and V2) are in treble clef, while the last two (M1 and M2) are in bass clef. The score is divided into measures by vertical bar lines. Measure numbers 525 and 527 are indicated at the top. Dynamics include *p* (piano) and *pp* (pianissimo). Various musical notations such as slurs, accents, and repeat signs are used throughout the score.