
ROBERT G.
PATTERSON

Riffs and Echoes

for flute, clarinet, violin, violoncello, percussion, and piano
(2004)

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duration ca. 12 minutes

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PERCUSSION

Flexatone (small to medium size)

Small Splash Cymbal (15-20cm, suspended)

Crotales (two octaves, written c^1 – c^3 , sounding 2 octaves higher)

Vibraphone (no motor)

Chimes (standard c^1 – f^2 set)

Marimba (A – c^4)

For the Luna Nova Ensemble

Riffs and Echoes

for flute, clarinet, percussion, violin, violoncello, and piano

R. G. PATTERSON (2004)

Rough and unhurried (♩.=54)

Musical score for the first system of 'Riffs and Echoes'. The score is in 12/8 time and consists of seven staves: Flute, Clarinet in B♭, Flexatone, Marimba, Violin, Violoncello, and Piano. The Flute staff is mostly empty. The Clarinet in B♭ staff has a melodic line starting with a quarter rest, followed by eighth notes, with the instruction 'with suppressed energy' and a dynamic marking of *p*. The Flexatone staff has a wavy line representing a 'bowed' sound, with a dynamic marking of *p* and the instruction 'approx. num. of pitches'. The Marimba staff has a melodic line starting with a quarter rest, followed by eighth notes, with a dynamic marking of *pp*. The Violin staff is empty. The Violoncello staff has a melodic line starting with a quarter rest, followed by eighth notes, with the instruction 'with suppressed energy' and a dynamic marking of *p*. The Piano staff has a complex accompaniment with chords and moving lines in both hands, with a dynamic marking of *p*.

Musical score for the second system of 'Riffs and Echoes'. The score continues from the first system and consists of seven staves: Flute (Fl.), Clarinet in B♭ (Cl. (B♭)), Flexatone (Flex.), Marimba (Mar.), Violin (Vln.), Violoncello (Vlc.), and Piano (Pno.). The Flute staff has a quarter rest. The Clarinet in B♭ staff has a melodic line with a quarter rest, followed by eighth notes, with a dynamic marking of *pp* and a slur over a group of notes. The Flexatone staff has a wavy line representing a 'pitch contour' with the instruction '(approx. num. of pitches)' and a dynamic marking of *pp*. The Marimba staff has a melodic line starting with a quarter rest, followed by eighth notes, with a dynamic marking of *pp*. The Violin staff is empty. The Violoncello staff has a melodic line starting with a quarter rest, followed by eighth notes, with a dynamic marking of *pp*. The Piano staff has a complex accompaniment with chords and moving lines in both hands, with a dynamic marking of *pp* and a slur over a group of notes.

Musical score for measures 8-9. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (B \flat)), Flexatone (Flex.), Maracas (Mar.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Measure 8 starts with a *p* dynamic. The melody features a series of eighth notes and a half note.
- Cl. (B \flat):** Measure 8 has a rest. Measure 9 features a triplet of eighth notes and a quintuplet of eighth notes.
- Flex.:** Measure 8 has a *pp* dynamic. Measure 9 has a rest.
- Mar.:** Measure 8 has a rest. Measure 9 has a *p* dynamic with a tremolo effect.
- Vln.:** Measure 8 has a rest. Measure 9 has a rest.
- Vlc.:** Measure 8 has a rest. Measure 9 features a quintuplet of eighth notes.
- Pno.:** Measure 8 has a rest. Measure 9 features a *pp* dynamic with a crescendo hairpin.

Musical score for measures 10-12. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (B \flat)), Flexatone (Flex.), Maracas (Mar.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Measure 10 starts with a rest. Measures 11 and 12 have rests.
- Cl. (B \flat):** Measure 10 has a rest. Measure 11 features a quintuplet of eighth notes and a triplet of eighth notes. Measure 12 has a rest.
- Flex.:** Measure 10 has a rest. Measures 11 and 12 have rests.
- Mar.:** Measure 10 has a rest. Measure 11 is marked *soft mallets*. Measure 12 has a rest.
- Vln.:** Measure 10 has a *pp* dynamic and is marked *at tip*. Measures 11 and 12 have rests.
- Vlc.:** Measure 10 has a rest. Measure 11 has a *pp* dynamic and is marked *indistinct*. Measure 12 has a *pizz.* dynamic and is marked *fz*.
- Pno.:** Measure 10 has a rest. Measure 11 has a rest. Measure 12 features a *mp* dynamic that transitions to *p* with a crescendo hairpin.

13

Fl. *p* *pp* *pp sempre expressionless* *p* *mf*

Cl. (B♭) *mp* *mf*

Flex.

Mar. *mp*

Vln. *pizz.* *pp* *arco muted* *pp sempre expressionless* *mf* *mute off*

Vlc. *pp* *arco* *mp* *mf*

Pno. *mf*

Red. *

16

Fl.

Cl. (B♭) *f* *f*

Flex.

Mar. *mf* *pp*

Vln. *f* *pp sempre* *f*

Vlc. *f* *f*

Pno. *f* *mp*

Red. *

Musical score for measures 19-20. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (B \flat)), Vibraphone (Vib.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Measure 19 starts with *f*. Measure 20 starts with *fz* and *pp*.
- Cl. (B \flat):** Measure 19 has a *f* dynamic. Measure 20 is silent.
- Vib.:** Measure 20 starts with *pp* and *ped.*, with the instruction *soft mallets*.
- Vln.:** Measure 20 starts with *pp*.
- Vlc.:** Measure 20 starts with *pizz.* and *p*, then *arco* and *pp*.
- Pno.:** Measure 19 starts with *f*. Measure 20 starts with *mp* and *pp*.

Musical score for measures 21-22. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (B \flat)), Vibraphone (Vib.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Measure 21 is silent. Measure 22 starts with *f*.
- Cl. (B \flat):** Measure 21 has triplets and quintuplets. Measure 22 is silent.
- Vib.:** Measure 21 has *f*. Measure 22 starts with *pp sempre* and *ped.*.
- Vln.:** Measure 21 has *f*. Measure 22 starts with *pp*.
- Vlc.:** Measure 21 has *f*. Measure 22 starts with *pp*.
- Pno.:** Measure 21 starts with *fz*. Measure 22 starts with *pp*.

23

Fl.

Cl. (B \flat)

Vib.

Vln.

Vlc.

Pno.

p

p expressionless

release ped.

p < > pp

p

pp

26

Fl.

Cl. (B \flat)

Vib.

Vln.

Vlc.

Pno.

p

p

ped.

release ped.

p

fz

pp

mp

Musical score for measures 29-31. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (Bb)), Maracas (Mar.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Measures 29-31. Dynamics: *p* (measures 29-30), *pp* (measure 31). Includes a fermata in measure 31.
- Cl. (Bb):** Measures 29-31. Dynamics: *pp* (measures 29-30), *pp* (measure 31).
- Mar.:** Measures 29-31. Dynamics: *pp* (measures 29-30), *pp* (measure 31).
- Vln.:** Measures 29-31. Dynamics: *pp* (measures 29-30), *pp* (measure 31). Includes a "muted" marking in measure 29 and a fermata in measure 31.
- Vlc.:** Measures 29-31. Dynamics: *p expr.* (measures 29-30), *p* (measure 31).
- Pno.:** Measures 29-31. Dynamics: *pp* (measures 29-30), *p* (measure 31).

Musical score for measures 32-34. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (Bb)), Maracas (Mar.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Measures 32-34. Dynamics: *pp* (measures 32-34). Includes a fermata in measure 32.
- Cl. (Bb):** Measures 32-34. Dynamics: *pp* (measures 32-34).
- Mar.:** Measures 32-34. Dynamics: *mp* (measures 32-33), *pp* (measure 34).
- Vln.:** Measures 32-34. Dynamics: *pp* (measures 32-34). Includes a fermata in measure 32.
- Vlc.:** Measures 32-34. Dynamics: *pp* (measures 32-34). Includes "pizz." and "arco" markings in measure 33.
- Pno.:** Measures 32-34. Dynamics: *mp* (measures 32-33), *pp* (measure 34). Includes "Ped." markings in measures 33 and 34.

35

Fl. *pp* *pp sempre*

Cl. (B \flat) *pp* *pp sempre*

Vib. *pp*

Mar. R. H. *pp sempre*
L. H. *pp sempre*

Vln. *pp* *pp* *p cant.*

Vlc. *pp*

Pno. *p* *p*

Detailed description: This system covers measures 35, 36, and 37. The Flute part begins with a tremolo in measure 35, followed by a melodic line in measure 36 and a sustained note in measure 37. The Clarinet in B-flat part has a tremolo in measure 35 and a melodic line in measure 36. The Violin part has a tremolo in measure 35 and a melodic line in measure 36, with a 'mute off' instruction in measure 37. The Piano part features a complex chordal texture with tremolos in measure 35 and sustained chords in measure 36.

38

Fl. *pp*

Cl. (B \flat)

Mar. *pp* (more distinct)

Vln. *pp*

Vlc. *pp*

Pno. *p* *pp*

harder mallets

Detailed description: This system covers measures 38, 39, and 40. The Flute part has a tremolo in measure 38 and a melodic line in measure 39. The Clarinet in B-flat part is silent. The Maracas part has a rhythmic pattern in measure 38 and a melodic line in measure 39, with the instruction 'harder mallets' above measure 40. The Violin part has a melodic line in measure 38 and a sustained note in measure 39. The Violoncello part has a melodic line in measure 38 and a sustained note in measure 39. The Piano part has a complex chordal texture in measure 38 and a melodic line in measure 39.

Musical score for measures 42-45, featuring Flute (Fl.), Clarinet (Bb) (Cl. (Bb)), Vibraphone (Vib.), Violin (Vln.), Viola (Vlc.), Piano (Pno.), and Percussion (Perc.).

Measures 42-45:

- Fl.:** Starts at measure 42 with *mp*. Measure 43 has *mf*. Measure 44 has *pp*. Measure 45 has *mf* and a triplet.
- Cl. (Bb):** Starts at measure 42 with *mp*. Measure 43 has *mf*. Measure 44 has *mf*. Measure 45 has *mf*.
- Vib.:** Starts at measure 42 with *mf*. Measure 43 has *mf*. Measure 44 has *mf*. Measure 45 has *mf* and *ped.*
- Vln.:** Starts at measure 42 with *mp*. Measure 43 has *mf*. Measure 44 has *mf*. Measure 45 has *mf*.
- Vlc.:** Starts at measure 42 with *mp*. Measure 43 has *mf*. Measure 44 has *mf*. Measure 45 has *mf*.
- Pno.:** Starts at measure 42 with *mp*. Measure 43 has *mf*. Measure 44 has *mf*. Measure 45 has *p* and *mf*.

Additional markings include *tr* (trills) and *ped.* (pedal) for various instruments. The Percussion part includes *harder mallets* and *mf* markings.

47

Fl. *p*

Cl. (B \flat) *p* *mf*

Vib. *p* *ped.*

Vln. *p* *3* *3*

Vlc. *f*

Pno. *p* *mf* *3* *3* *ped.* *

49

Fl.

Cl. (B \flat) *fz*

Mar. *f*

Vln. *pizz.* *fz*

Vlc. *fz* *p* *pp*

Pno. *f* *fz* *p* *pp* *pp* *ped.* *

57

Fl.

Cl. (B \flat)

Crot.

Vln.

Vlc.

Pno.

p

fz

ffz

pizz.

p

pp

ffz

p

pp

Led. *

Led.

60

Fl.

Cl. (B \flat)

Crot.

Vln.

Vlc.

Pno.

mf

p

mf

mf (no dim.)

pp

mf

pp

pp

arco

p

mf

pp

pp

mf

fz

Led.

63

Fl.

Cl. (B \flat)

Crot.

Vln.

Vlc.

Pno.

pp

p

pp

f expr.

pp (sub.)
arco

pp

fz \leftarrow *f*

pp

f

Red.

Red. *

66

Fl.

Cl. (B \flat)

Mar.

Vln.

Vlc.

Pno.

f

f

f

pizz.

fz

f

pizz.

pp

arco

f

f

fz

pp

pp

f

Red.

Red. *

Red.

73

Fl.

Cl. (B \flat)

Flex.

Vln.

Vlc.

Pno.

arco

ffz

74

Fl.

Cl. (B \flat)

Flex.

Vln.

Vlc.

Pno.

ff

ffz

ff

ff

pizz.

ff

fz

fz

76

Fl.

Cl. (B \flat)

Chimes

Vln.

Vlc.

Pno.

f (let ring)

fz

mf

fz

Ad. lib.

78

Fl.

Cl. (B \flat)

Crot.

Chimes

Vln.

Vlc.

Pno.

fz

f

f

fz

fz

fz

fz

fz

fz

80

Fl. *fz*

Cl. (B \flat) *blend into piano*
mp

Chimes *f*

Vln.

Vlc.

Pno. *fz fz fz ffz*
sost. ped.

8^{va}

82

Fl. *f*

Cl. (B \flat) *mf*

Chimes

Vln.

Vlc. *arco*
f *mf*

Pno. *fz fz fz fz*

8^{va}

85

Fl. *mp* blend into piano

Cl. (B \flat) *f*

Crot. *f*

Chimes *f*

Vln. *fz fz fz fz fz*

Vlc. *mp* blend into piano

Pno. *fz fz ffz* *sost. ped.*

87

Fl. *ff*

Cl. (B \flat) *mp* *ff*

Chimes

Vln. *mp* *ff*

Vlc. *mp*

Pno.

89

Fl.

Cl. (B \flat)

Chimes

Vln.

Vlc.

Pno.

f

f

f

ff *mp*

ff *mf*

91

Fl.

Cl. (B \flat)

Chimes

Vln.

Vlc.

Pno.

mp *ff*

mp *ff*

f

mp *ff*

mp *ff*

fz *fz*

93

Fl. *fp* *f*

Cl. (B \flat) *mp*

Chimes *f*

Vln. *fp* *f*

Vlc. *fp* *f*

Pno. *ffz* *mf* *mp* *ff* *ffz*

clearly articulated

Detailed description: This system covers measures 93 and 94. The Flute part starts with a dynamic of *fp* and moves to *f* by measure 94, featuring a 5-measure and a 7-measure slur. The Clarinet (B-flat) part is marked *mp*. Chimes play a series of chords marked *f*. Violins and Violas both start at *fp* and reach *f* by measure 94. The Piano part is highly dynamic, starting with *ffz* and *mf* in measure 93, and *mp*, *ff*, and *ffz* in measure 94. The piano part includes triplets and is noted as *clearly articulated*.

95

Fl. *p* *mf* *ffz*

Cl. (B \flat)

Chimes

Vln. *p* *mf* *ffz*

Vlc. *p* *mf* *ffz*

Pno. *p* *mf* *ff*

Detailed description: This system covers measures 95 and 96. The Flute part starts at *p*, moves to *mf* in measure 95, and reaches *ffz* in measure 96. The Clarinet (B-flat) part is silent. Chimes are silent. Violins and Violas start at *p* in measure 95, move to *mf* in measure 96, and reach *ffz* in measure 96. The Piano part starts at *p* in measure 95, moves to *mf* in measure 96, and reaches *ff* in measure 96. The piano part features complex chordal textures and is marked with accents.

97

Fl. *fp* — *ff_z* *fp* — *ff_z*

Cl. (B \flat) *fp* — *ff_z* *p* — *ff_z* *ff* insistent

Flex. *ff*

Spl. Cym. *f* *hard vib. mallet*

Vln. *fp* — *ff_z* *p* — *ff_z* *fp* — *ff_z*

Vlc. *f* *p* — *ff_z*

Pno. *fp* — *ff_z* *f* *f* *ff* *fp* — *ff_z*

Rec. * Rec. Rec. *

100

Fl. *fp* — *ff_z*

Cl. (B \flat) *ff* *ff* coarse and brazen

Flex. *ff*

Spl. Cym. *f*

Vln. *fp* — *ff_z* *ff*

Vlc. *ff* *ff_z* *ff*

Pno. *fp* — *ff_z* *ff* *ff*

Rec. Rec. Rec. * Rec. Rec. Rec. * Rec.

102

Fl. *ff* *ff sempre*

Cl. (B \flat) *mp* *ff_z* *ff sempre*

Vib. *ff* *hard mallets* *ped.* *ped. sempre*

Vln. *ff insistent* *ff sempre*

Vlc. *mp* *ff_z*

Pno. *mp* *ff_z* *ff* *ff sempre*

ff *Lea. Lea. Lea. * Lea. **

Lea.---

104

Fl.

Cl. (B \flat)

Spl. Cym. *ff* *ff*

Vib. *(let ring)* *(let ring)*

Vln. *savage*

Vlc. *ff feroce*

Pno. *ff feroce*

ff *Lea. Lea. Lea. * Lea. * Lea. Lea. Lea. **

106

Fl.

Cl. (B \flat)

Spl. Cym.

Vib.

Vln.

Vlc.

Pno.

mp

ffp

ped. *ped.* * *ped.* *ped.* *ped.* * *ped.*

108

Fl.

Cl. (B \flat)

Flex.

Spl. Cym.

Vib.

Vln.

Vlc.

Pno.

fff

ffz

ff

release ped.

fff

fff

8va

p

* *ped.* *

Musical score for measures 114-115. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (B)), Soprano Cymbal (Spl. Cym.), Vibraphone (Vib.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Starts with a triplet of eighth notes marked *ff_z*. In measure 115, it features a *ff* dynamic followed by a *fp* dynamic and another *ff*.
- Cl. (B):** Features a *ff* dynamic in measure 115, followed by a *p* dynamic and another *ff*.
- Spl. Cym.:** Remains silent in measure 114 and plays a single note in measure 115.
- Vib.:** Remains silent in measure 114 and plays a chord in measure 115, marked *ff* with a *ped. marc.* instruction.
- Vln.:** Features a *ff* dynamic in measure 115.
- Vlc.:** Features a *ff_z* dynamic in measure 114 and a *ff* dynamic in measure 115.
- Pno.:** Features a *ff* dynamic in measure 114, followed by *ff* in measure 115. Includes a *8va* marking and a *Red. ** instruction.

Musical score for measures 116-117. The score includes parts for Flute (Fl.), Clarinet in B-flat (Cl. (B)), Vibraphone (Vib.), Violin (Vln.), Viola (Vlc.), and Piano (Pno.).

- Fl.:** Features a *ff* dynamic in measure 117.
- Cl. (B):** Features a *ff* dynamic in measure 117.
- Vib.:** Features a *ff* dynamic in measure 117 with a *ped.* instruction.
- Vln.:** Features a *ff* dynamic in measure 117.
- Vlc.:** Features a *ff very expr.* dynamic in measure 116 and *ff* dynamics in measure 117.
- Pno.:** Features a *ff* dynamic in measure 116, followed by *ff* in measure 117. Includes a *Red. ** instruction.

Slower (♩.=48)

118

Fl. *to piccolo*

Vib. *mf ped.* *ffz*

Vln. *pp sempre*

Vlc. *pp sempre*

122

Picc. *p* *poco* *light bell mallets*

Crot. *p*

Mar. *soft mallets (one hand)* *pp*

Vln. *pp*

Vlc. *pp sempre*

Pno. *pp*

125

Picc. *p*

Crot. *p*

Mar. *pp* *8va* *pp*

Vln. *sul pont. (E string)* *pp* *ord. (A string)* *pp sempre*

Vlc. *pp sempre*

128

Picc. *pp*

Crot. *p*

Mar. *p*

Vln. *p cant.*

Vlc. *p*

Pno. *pp*

132

Vln. *pp*

Vlc. *p cant.*

Pno. *p*

135

Picc. *p cant.*

Cl. (B \flat) *pp*

Crot. *p*

Mar. *pp* (one hand)

Vln. *pp*

Vlc. *pizz.*

Pno. *pp*

139

Crot. *p*

Mar. *p*

Vln. *p* *pp* *p cant.*

Pno. *pp* *p*

8^{va} 15^{ma}

Red. *

142

Cl. (Bb) *pp* *pp delicate*

Crot. *pp*

Mar. *pp*

Vln. *pp*

Vlc. *pp* *pp*

Pno. *pp* *p* *pp* *delicate*

15^{ma}

Red. *

145

Cl. (Bb) *pp*

Crot. *pp*

Mar. *pp* *med. hard mallets* *pp*

Chimes *pp*

Vln. *pp*

Vlc. *pp* *pp*

Pno. *pp* *cant.*

15^{ma}

Red. *

