

REDSHIFT

for prepared piano and live electronics

[dedicated to Bryan Boyce]

1

A

♩ = 60 *Free, meditative*

Tomas Henriques - Aug 2010

Piano

Synth

Pno.

Synth

Pno.

Synth

Musical staff for Piano (Piano). The staff is empty, indicating a prepared piano section.

Musical staff for Synth (Synth). The staff contains a melodic line starting with a half note G4, followed by eighth notes A4, B4, C5, D5, E5, F5, and G5. The staff is marked with "Ped." and "f".

Musical staff for Pno. (Pno.). The staff is empty, indicating a prepared piano section.

Musical staff for Synth (Synth). The staff contains a melodic line starting with a half note G4, followed by eighth notes A4, B4, C5, D5, E5, F5, and G5. The staff is marked with "Ped." and "mf".

Musical staff for Pno. (Pno.). The staff contains a melodic line starting with a half note G4, followed by eighth notes A4, B4, C5, D5, E5, F5, and G5. The staff is marked with "f" and "unmeasured". The staff also contains a series of eighth notes marked with "accel.". The staff is marked with "Ped." and "mf".

Musical staff for Synth (Synth). The staff contains a melodic line starting with a half note G4, followed by eighth notes A4, B4, C5, D5, E5, F5, and G5. The staff is marked with "Ped." and "mf".

Pno.

12

mf

Ped.

Synth

Pno.

15

p *rall.*

Ped.

Synth

Pno.

19

p *Ped.*

Ped.

Synth

B ♩ = 63 *Light and Dream like*

Pno.

21

mf *Ped.* *p* *mf* *Ped.* *f*

Synth

Pno.

23

p *Ped.* *Ped.* *p* *mf*

Synth

Pno.

25

mf *p* *f* *Ped.* *ff* 4 x

8va *accel + cresc, rall+dim*

Synth

C $\text{♩} = 70$

27

Pno. *mf*

Ped.

Synth

Measures 27-28: Piano part with melody and bass line, *mf* dynamic, and pedal points. Synth part is empty.

29

Pno.

4 accel + 4 rall

f

Ped.

Synth

Measures 29-30: Piano part with 4-measure acceleration and deceleration, *f* dynamic, and pedal points. Synth part is empty.

31

Pno. *mf*

Ped.

4 accel + 4 rall

Synth

Measures 31-32: Piano part with melody and bass line, *mf* dynamic, and pedal points. Synth part is empty.

D $\text{♩} = 70$ *With emotion, quasi romantic*
Start slow(er) and accelerate to proper tempo by 3rd beat

33

Pno.

ff

Ped.

rall.

Synth

f Ped. -----

Start slow(er) and accelerate to proper tempo by 3rd beat

35

Pno.

ff

Ped.

rall.

Synth

Ped. -----

Keep regular beat

37

Pno.

ff

Ped.

rall.

Synth

Ped. -----

39

Pno.

ff

ff *Ped.* *rall.*

Synth

ff *Ped.*

2nd time

41

Pno.

mf

Ped.

Synth

Ped. *mf*

42

Pno.

p

Ped.

mf *Ped.* *accel.*

Synth

Gradual accelerando and crescendo

As fast as possible

7

keep trill 4 "

Pno.

44

8va

accel.

fff

8va

Synth

Pno.

46

keep trill 4 "

8va

8va

Ped. 3

ff

3

3

3

3

fff

Synth

$\text{♩} = 96$

Pno.

48

F

$\text{♩} = 63$

mf

Ped.

Synth

f *Ped.*

52

Pno.

p

p

mp

accel.

8va

(Clearly articulated)

Synth

Detailed description: This system covers measures 52 to 54. The piano part (Pno.) has a treble and bass staff. In measure 52, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 53, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 54, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. The piano part is marked *p* in measures 52 and 53, and *mp* in measure 54. The piano part is marked *accel.* in measure 54. The piano part is marked *8va* in measure 54. The piano part is marked (Clearly articulated) in measure 54. The synth part (Synth) has a single note G4 in measure 52, and rests in measures 53 and 54.

55

Pno.

mf

Ped.

mf

DETUNE: weave freely in and out of tune with lower P5 knob

f

Ped.

2

G

Bell like, solemn

Synth

Detailed description: This system covers measures 55 to 58. The piano part (Pno.) has a treble and bass staff. In measure 55, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 56, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 57, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 58, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. The piano part is marked *mf* in measures 55 and 56, and *f* in measure 57. The piano part is marked *Ped.* in measures 55 and 56. The piano part is marked *DETUNE: weave freely in and out of tune with lower P5 knob* in measure 57. The piano part is marked *Bell like, solemn* in measure 57. The piano part is marked *2* in measure 57. The piano part is marked *G* in measure 57. The synth part (Synth) has a single note G4 in measure 55, and rests in measures 56, 57, and 58.

59

Pno.

Synth

Detailed description: This system covers measures 59 to 62. The piano part (Pno.) has a treble and bass staff. In measure 59, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 60, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 61, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. In measure 62, the treble staff has a half note G4 with a grace note, and the bass staff has a whole note chord of F3, A2, and C3. The piano part is marked *mf* in measures 59 and 60, and *f* in measure 61. The piano part is marked *Ped.* in measures 59 and 60. The piano part is marked *DETUNE: weave freely in and out of tune with lower P5 knob* in measure 61. The piano part is marked *Bell like, solemn* in measure 61. The piano part is marked *2* in measure 61. The piano part is marked *G* in measure 61. The synth part (Synth) has a single note G4 in measure 59, and rests in measures 60, 61, and 62.

3

Ring Modulation, Freq. = 8 Hz

H

♩ = 63 *Light and Dream like*

Pno.

63

p Ped.

Synth

Measures 63 and 64. The piano part has a melody with a slur and a fermata on the final note of each measure. The bass line is mostly sustained notes with a short melodic phrase at the end of measure 64. The synth part is empty.

Pno.

65

mf Ped.

p

mf Ped.

f

Synth

Measures 65 and 66. The piano part has a melody with a slur and a fermata on the final note of each measure. The bass line has a crescendo leading to a dynamic change from *mf* to *p* in measure 65, and from *mf* to *f* in measure 66. The synth part is empty.

4

Ring Modulation, Freq. = 20Hz

Pno.

67

p Ped.

Ped.

mf

Synth

Measures 67 and 68. The piano part has a melody with a slur and a fermata on the final note of each measure. The bass line has a dynamic change from *p* to *mf* in measure 67. The synth part is empty.

69

Pno.

mf *p* *f* *ff* 4 x

8va -----

accel + cresc, rall+dim

Synth

I 5 ♩ = 88 [See note at bottom of page]

71

Pno.

mf *mf*

Ped. Ped.

Synth

73

Pno.

mf

8va -----

Ped. Ped.

Synth

Play first time with tempo = 88, keeping the previous value for the ring modulation.

Second time is rhythmically freer by using rhythmic elasticity with pervasive random accel and rit. Allow repeating note groups or even measures. Total time for repetition +/- 30 secs. Use KNOBS P7 and P6 to introduce HIGHER RING MODULATION values.

Bring modulation to a low level (150 Hz or less) when entering letter J after the 30 secs of rhythmic variations.

J ♩ = 70

75

Pno. *mf*

Ped.

Synth

Measures 75-76. The piano part features a melody in the right hand and a bass line in the left hand, both with slurs and ties. The right hand has a dynamic marking of *mf*. Pedal points are indicated in both hands. The synth part is empty.

77

Pno. *4 accel + 4 rall*

f

Ped.

Synth

Measures 77-78. The piano part features a melody in the right hand and a bass line in the left hand. The right hand has a dynamic marking of *f*. The left hand has a dynamic marking of *mf*. Pedal points are indicated in both hands. The synth part is empty.

79

Pno. *mf*

4 accel + 4 rall

Ped.

Synth

Measures 79-80. The piano part features a melody in the right hand and a bass line in the left hand. The right hand has a dynamic marking of *mf*. The left hand has a dynamic marking of *mf*. Pedal points are indicated in both hands. The synth part is empty.

RHYTHM ONLY, ELECTRONIC KBD: *Improvisation with all samples mapped to the elec. kbd. DURATION= +/- 30"*
Use Ring Modulation [knobs P6+P7]
Try frequencies: 240 Hz, 620 Hz, 915 Hz, 1600 Hz, 2300 Hz,

12

(K)

6

Use previously heard rhythmic gestures such as, etc Use also accel and rit as played in letter I

81

Pno.

End with emphasis on Samples F3, B3, D5 and E5

Synth

(L)

7

Freely
♩ = 63 Light and Dream like

83

Pno.

Synth

85

Pno.

Synth

87 *8va*

Pno. *Ped. mf* *rit.*

Synth

89 *8va*

Pno. *Ped.*

Synth *Samples D5, D5#, E5*
repeat 3x *Ped.* *Detune Knob P5*

91

M **8** ♩ = 88
Strong, incisive yet hesitant

Pno. *Ped. ff* *accel.* * *ff* always *Ped.*

Synth

Pno.

93

Ped. ff

Ped.

Synth

Measures 93-94. The piano part features a complex melodic line with many beamed sixteenth notes, a forte (ff) dynamic, and a pedal point. The synth part is empty.

Pno.

95

Ped. ff

Ped.

Synth

Measures 95-96. The piano part continues with complex melodic lines, a forte (ff) dynamic, and a pedal point. The synth part is empty.

Pno.

97

Ped. ff

Ped.

Synth

Measures 97-98. The piano part continues with complex melodic lines, a forte (ff) dynamic, and a pedal point. The synth part is empty.

N

99

Pno.

Ped. *ff*

ff

Synth

ff Ped. always

101

Pno.

Ped. *ff*

ff

Synth

ff

103

Pno.

Ped. *ff*

accel. *rit.*

ff

Synth

fff

The musical score is written for Piano (Pno.) and Synthesizer (Synth). It consists of three systems of music. The first system (measures 99-100) features a Pno. part with a treble clef and a bass clef, and a Synth part with a treble clef. The Pno. part has a treble clef and a bass clef. The Synth part has a treble clef. The second system (measures 101-102) features a Pno. part with a treble clef and a bass clef, and a Synth part with a treble clef. The Pno. part has a treble clef and a bass clef. The Synth part has a treble clef. The third system (measures 103-104) features a Pno. part with a treble clef and a bass clef, and a Synth part with a treble clef. The Pno. part has a treble clef and a bass clef. The Synth part has a treble clef. The score includes various musical notations such as notes, rests, and dynamic markings.

O

Gradual accelerando and crescendo

105

Pno.

p

Ped.

Synth

107

Pno.

Ped. cresc.

8va

Synth

109

Pno.

8va

keep trill 4 "

fff Ped.

8va

keep trill 4 "

Ped.

8va

Synth

♩ = 96

(8va)-----

P

♩ = 70

Pno.

111

ff

Synth

fff

Ped. *f*

Pno.

113

Ped.

DETUNE - Knob P5

Synth

Pno.

116

p

mp

Synth

mf

p

Q

10

Almost like in a trance

♩ = 60

18

119

Pno. *f* *ff*

Synth

Ped. *Ped.* *Ped.* *Ped.*

8^{va}

Repeat 3 x gradually accelerating
from 60 to 88

123

Pno. *f*

Synth

Ped. *Ped.*

(8^{va}) unmeasured

8^{va}

♩ = 88

126

Pno. *f* *f*

Synth

Ped. *Ped.*

8^{va} 8^{va}

*Only upper voice is an octave above**8^{va}*

130

Pno.

ff

Ped.

Synth

*Both voices an octave above**8^{va}**Only upper voice is an octave above**8^{va}*

133

Pno.

ff

f

Ped.

Synth

136

Pno.

f

Ped.

Synth

Beat shift

Pno. *ff*

139

8va

Ped.

Synth

This system contains measures 139, 140, and 141. The piano part has a melody in the right hand with an 8va marking and a bass line with a 'Ped.' marking. The synth part is empty.

Pno. *fff*

142

Ped.

Synth

This system contains measures 142 and 143. The piano part has a dense texture in the right hand and a bass line with a 'Ped.' marking. The synth part is empty.

Pno. *ff*

144

8va

Ped.

Synth

This system contains measures 144, 145, and 146. The piano part has a melody in the right hand with an 8va marking and a bass line with a 'Ped.' marking. The synth part is empty.

Pno.

147

fff

Ped.

Synth

Pno.

149

f

Ped.

Synth

Only upper voice is an octave above

8va

Pno.

152

f *ff*

Ped.

Synth

8va

8^{va} -----

155

Pno.

Ped.

p

$\text{♩} = 63$ *meditative*

Synth

8^{va} -----

158

Pno.

p

rit.

Ped.

Synth

11 (R) Freely $\text{♩} = 63$ *Light and Dream like*

8^{va} -----

162

Pno.

Ped.

mf

Ped.

rit.

p

Synth

8^{va} -----
164

Pno.

p

Ped.

p

Synth

8^{va} -----
166

Pno.

Ped.

mf

rit.

Synth

8^{va} -----
168

Pno.

morendo

Ped.

Ped.

Synth