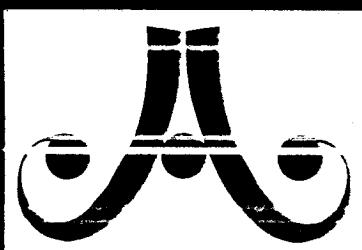


THE AUGMENTED Scale in Jazz

A Player's Guide

By Walt Weiskopf & Ramon Ricker

For ALL Instruments



THE AUGMENTED SCALE
IN JAZZ

BY

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INTRODUCTION

Much has been written about diminished scales, triads and seventh chords and their use in jazz improvisation, but relatively little discussion has focused on augmented material. Of the two, the diminished scale has taken the primary role in coloring jazz improvisation through the Swing and Bebop eras and retains that position today. The augmented scale and triad, on the other hand, have been used in modern jazz in more of an intuitive way. What this book attempts to do is to de-mystify the augmented scale and put it to practical use in various jazz settings. While certain jazz theory and improvisation books have discussed this scale in passing, the authors are aware of no previous writings or publications which have dealt with this subject in depth.

The first section of this book explains the scale and its possible uses. The second section offers exercises and etudes which will help the student develop the technique necessary to use the material in jazz improvisation but perhaps most importantly, this section will aid in assimilating the sound of the scale in one's ear.

AUGMENTED SCALE CONSTRUCTION

Often called the *minor third, half-step scale*, the augmented scale bears the same relationship to augmented triads as does the diminished scale to diminished seventh chords. The eight-note diminished scale is made up of two diminished seventh chords related by a whole-step. (i. e., Cdim⁷ and Ddim⁷). Similarly, the six note **augmented scale** can be thought of as **two augmented triads** a minor third apart, (C+ and Eb+ for example)¹. Looked at another way, one can build the scale by alternating minor third and minor second intervals until the octave is reached. (Ex.1)

Example 1. Augmented scale construction

¹ The symbol used to signify a raised fifth in a chord symbol is a "+" (C+). The abbreviation "aug" is also equally correct (Caug). One frequently encounters "#5" and "+5" in chord symbols such as C7#5, C7+5.

Because of its symmetrical nature, there are only four different augmented scales. (As there are only four different augmented triads.) In other words, the twelve augmented scales use only four different sets of notes. In the example below notice how the scales C, E, Ab are related. (Remember to think enharmonically). Also look at Db, F, A; D, F#, Bb and Eb, G, B. **An augmented scale uses the same notes as the augmented scale a major third away.**

Example 2. Augmented scales constructed on every half step

If the reader is familiar with basic jazz theory he/she will remember that it is accepted practice to call the scale which alternates whole step-half step, the diminished scale. (It begins with a whole step.) It is equally correct and accepted to call the scale which alternates half step-whole step, the inverted diminished scale. (It begins with a half step.) It follows that the same logic can be applied to the augmented scale. Therefore, the inverted augmented scale begins with a half step and alternates half step, minor third. Those readers with an analytical or theoretical bent will have already discovered that the C augmented scale has the same notes in it as the D#, G or B inverted augmented scales.

Example 3. Inverted augmented scales constructed on every half step

The image displays six staves of musical notation, each consisting of five horizontal lines. The first staff starts with a sharp sign (F#) and contains the notes F# (sharp), A (circle), C (circle), E (sharp), G (circle), B (sharp). The second staff starts with a sharp sign (G#) and contains the notes G# (sharp), B (circle), D (circle), F# (sharp), A (circle), C (circle). The third staff starts with a sharp sign (A#) and contains the notes A# (sharp), C (circle), E (circle), G (sharp), B (circle), D (circle). The fourth staff starts with a sharp sign (B#) and contains the notes B# (sharp), D (circle), F# (sharp), A (circle), C (circle), E (circle). The fifth staff starts with a sharp sign (C#) and contains the notes C# (sharp), E (circle), G (circle), B (sharp), D (circle), F# (sharp). The sixth staff starts with a sharp sign (D#) and contains the notes D# (sharp), F# (sharp), A (circle), C (circle), E (circle), G (sharp).

How Composers and Performers Have Used Augmented Material

In examining improvised solos it appears to the authors that most soloists have used augmented scales and triads in an intuitive manner. It is doubtful that many of the players cited in this book have systematically tried to codify their use of this material. They know what sounds good to them. It is their ears and intuition that occasionally lead them to the use of augmented material. However, two players that might be an exception to this speculation are John Coltrane and Michael Brecker.

Coltrane's composition *One Down, One Up*² is a perfect example of the use of the augmented scale. In fact the entire composition is based on this scale, as is Trane's solo. The tune is thirty-two bars long with the form AABA. Structurally, it is reminiscent of his more familiar composition *Impressions*³, in that only two chords are used for the entire piece. Instead of minor chords, *One Down, One Up* uses dominant chords. The "A" section is Bb^{7#5}. Similarly, in the "B" section only Ab^{7#5} is used. Coltrane's first solo after the head is an intense fourteen choruses (6:30 in length). After McCoy Tyner solos Trane re-enters with a second solo. This solo is three minutes long before he states the head out! During this nine and one half minutes of improvising over just two chords, Coltrane almost exclusively uses the Bb inverted augmented scale for the "A" section, and the Ab inverted augmented scale for the "B" section! What makes this even more unique is that other players of Coltrane's generation would usually choose to improvise on material based on the whole tone scale when playing over this chord type. Below are excerpts, in tenor saxophone key, from the head and the solo. (Ex. 4 and 5)

Example 4. First three measures of *One Down, One Up*

C⁷

1 2 3 etc.

Example 5. Excerpt of Coltrane's solo on *One Down, One Up*

C⁷

43 44 45 46 etc.

² THE MASTERY OF JOHN COLTRANE, VOL. 2. (*To the Beat of a Different Drummer*); MCA Impulse 2-4139. A different version can also be found by McCoy Tyner on RE-EVALUATION: THE IMPULSE YEARS; MCA-Impulse 2-4156.

³ *Impressions* is AABA. The A sections are Dmi⁷ and the B section is Ebmi⁷.

Michael Brecker seems to use augmented material relatively often. One of his favorite techniques is to outline a major^{7#5} chord a major third above the root. In example six, an Amaj^{7#5} chord is emphasized. Beats one through three of this passage can be analyzed as part of the F augmented scale. In example seven an Ebmaj^{7#5} chord is outlined. This could be derived from the B augmented scale.

Example 6. Michael Brecker example from *Freight Train*⁴

Example 7. Michael Brecker example from *Straphangin'*⁵

Bob Berg occasionally uses this same technique. In the following example from *Steppin'*⁶, the chord is D^{7#11}. Berg plays the upper extensions of the chord by outlining a major^{7#5} chord based on the seventh of D^{7#11} (Cmaj^{7#5}). This could be derived from the C augmented scale. (Ex. 8)

Example 8. Bob Berg example from *Steppin'*

4 YOU CAN'T LIVE WITHOUT IT (Jack Wilkins), Chiarascuro, CR-185

5 STRAPHANGIN' (The Brecker Brothers), Arista, AL9550

6 LIVE IN EUROPE (Bob Berg), Red Records, VPA-178

Keeping examples 6, 7 and 8 in mind, observe how the maj^{7#5} chord is included in the chords outlined below. From a player's standpoint the augmented scale can be used with any chord which contains a maj^{7#5} chord. (Ex. 9)

Example 9. Major seventh, augmented chords contained within other chords

The image displays four separate musical staves, each illustrating an augmented scale suitable for a specific chord. Each staff begins with a key signature and a chord name.

- Top Staff:** Key signature of one sharp (F#), labeled "C 13 (#11)". A bracket indicates the "Bb augmented scale" (Bb, C, D, E, F#, G) is used. The chord is labeled "Bmaj7#5".
- Second Staff:** Key signature of two sharps (D major), labeled "C 7#5 9". A bracket indicates the "E augmented scale" (E, F#, G, A, B, C#) is used. The chord is labeled "Emaj7#5".
- Third Staff:** Key signature of one sharp (G major), labeled "Cmi 9(maj7)". A bracket indicates the "Eb augmented scale" (Eb, F, G, Ab, Bb, C) is used. The chord is labeled "Emaj7#5".
- Bottom Staff:** Key signature of one flat (F major), labeled "Cmi 11(b5)". A bracket indicates the "Gb augmented scale" (Gb, Ab, Bb, C, D, E) is used. The chord is labeled "Gmaj7#5".

Below is an example played by Michael Brecker. The tune is *Freight Train*. The changes are the same as measures 2-4 of *Blues for Alice* changes. Beginning with the C⁷, Brecker plays off of the Bb augmented scale. (Ex. 10)

Example 10. Brecker example from *Freight Train*

A musical score showing six chords: A^{ø7}, D^{7(b9)}, Gmi⁷, C⁷, Fmi⁷, and B^{b7(#5)}. Below the score, a bracket spans the last three chords (Gmi⁷, C⁷, Fmi⁷) and is labeled "Bb augmented scale". The score includes various performance markings such as grace notes, slurs, and dynamic changes.

A perfect example of the augmented scale played intact in a solo is Michael Brecker's improvisation on *Not Ethopia* from *Straphangin'* (the Brecker Brothers). (Ex.11)

Example 11. Brecker example from *Not Ethopia*

G⁷alt

(B Augmented scale)

Another way to think of the construction of the scale is as three major triads, a major third apart. When these triads are combined the result is the augmented scale. (Ex. 12)

Example 12. The augmented scale broken down to three major triads

The B, Eb and G major triads when combined form the B (Eb and G) augmented scale(s)

Eb major triad

G major triad

B major triad

B (Eb and G) augmented scale(s)

Oliver Nelson used this triadic permutation of the scale as a compositional device in the bridge of *Hoe-Down*.⁷ (Ex. 13) Likewise Freddie Hubbard played the same "lick" in his solo on *Survival of the Fittest*.⁸ (Ex. 14)

Example 13. Measures 16-20 of *Hoe-Down*

Bridge

B major triad G major triad Eb major triad B major triad

⁷ FULL NELSON; Verve V-8508

⁸ MAIDEN VOYAGE; Blue Note 84195

Example 14. The augmented scale in Freddie Hubbard's solo on *Survival of the Fittest*

Concert key

A augmented scale

F major triad Db major triad A major triad F major triad

In the 1978 recording by David Liebman entitled *Pendulum*, the title cut is based entirely on a pedal G. All three soloists, Randy Brecker (trumpet), Richie Beirach (piano) and Dave Leibman (tenor saxophone) use the augmented scale during their solos. (Ex. 15,16,17)

Example 15. Randy Brecker excerpt from *Pendulum*

Trumpet key

A pedal

A augmented scale

9

Example 16. Richie Beirach excerpt from *Pendulum*

Concert key

G pedal

F augmented scale

F augmented scale → C augmented scale

Example 17. David Liebman excerpt from *Pendulum*

Tenor key

A pedal

C augmented scale

The augmented scale has not been limited to jazz. Film, "serious" and even pop rock composers have used it. The English composer, Gustav Holst employed it in his suite for large orchestra, *The Planets*. Listen for the celeste in the Neptune movement for an obvious example. "[It] can be found in both the musical and theoretical literature in many sources: Lendvai, for example, refers to it as his '1:3 modal' scale, and finds it in the music of Bartók; it marks the hexachordal division of Schönberg's *Wunderreihe*, of the *Ode to Napoleon* (Op. 41), and it can be found in the late piano sonatas of Scriabin. It is Babbitt's "third-order" all-combinatorial hexachord, Martino's 'Type E.' and Forte's 6-20.¹⁹ Those with an interest in non-jazz music theory may find the study of Robert Wason's article (cited below) and Frederic Rzewski's music ("The People United Will Never Be Defeated!") of benefit. If your research calls for a more passive approach, try listening carefully to those "spooky" sections in film and television scores. Often the augmented scale is being used. Or—check out the piano introduction to Frank Zappa's, *Little House I Used To Live In*¹⁰. Here he breaks up the augmented scale into two augmented triads a minor third apart and stacks one on top of the other. Other examples of augmented material in improvised solos can be found in the music of David Liebman, Jerry Bergonzi and Warren Bernhardt. Listen to Liebman's *Third Visit*¹¹, Bergonzi's *Essentials*¹² and Bernhardt's solo on *Modern Times*¹³ from the Steps Ahead album of the same name.

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- 9 Robert Wason, "Tonality and Atonality in Frederic Rzewski's Variations on *The People United Will Never Be Defeated!*". *Perspectives of New Music*, Vol. 26, No. 1 (Winter 1988), p. 121.
- 10 *BURNT WEENY SANDWICH*; reissue 10/91, Barking Pumpkin D21S-74239
- 11 *THE DUO LIVE*, Advance Music 86001
- 12 *THE JERRY BERGONZI QUARTET FEATURING BRUCE GERTZ*, Not Fat 3
- 13 *STEPS AHEAD, MODERN TIMES*, Elektra Musician 60351-2

How You Can Use The Augmented Scale

One of the most straightforward applications of the augmented scale is to use it on major 7, #5 chords. From the example below it can be seen that only the D# and G are not full-fledged chord members. However, those two notes can be thought of as passing tones or under-auxiliaries to the E and G#.

Cmaj⁷ (CΔ⁷⁺, CΔ⁷^{#5}, CΔ+) C augmented scale

This brings us to an important point. Most people would agree that a major scale sounds quite good when played over a major chord. But when the notes are looked at on an individual basis some will be found to be more dissonant than others. Let's take an improviser's point of view and analyze each note of the C major scale as if it were to be played over a C major chord.

- C (root) A good note choice if you are a bass player, but not so good if you are improvising. Not colorful enough.
- D (ninth) A colorful note choice. Its drawback is that it doesn't express the harmony or function of the chord.
- E (third) An excellent note choice that tells us the quality and function of the chord i. e., whether it is major or minor. (In this case it is major.)
- F (fourth) The weakest note in the entire scale. It sounds "wrong" if sustained against the chord, i. e., the F must resolve to E.
- G (fifth) It doesn't sound bad, but it is not as colorful as the sixth or ninth. It is usually the first note to be omitted in a voicing.
- A (sixth) A colorful note choice. Its drawback is that it doesn't express the harmony or function of the chord.
- B (seventh) An excellent note choice that tells us if the chord wants to move to another chord or stay where it is. (In this case it wants to stay where it is. If the note was Bb it would want to move.)

Just because a certain scale is said to work over a certain chord, it does not mean that all the notes in that scale are equal. Some even sound downright "bad and wrong" when landed on and sustained. This is certainly the case with the augmented scale. Therefore, its use is not for the faint of heart. The player must use his/her intuition and ear, knowing that, on an individual basis, there are always two notes in each scale that will "clash" if not played as passing tones.

With this fair warning it is now time for the part that every jazz theory/exercise book must have—**RULES.**

Rules For Using The Augmented Scale

The reader should realize that there are many ways to conceptualize the use of scales over chords. Coltrane, for example in *One Up, One Down* probably derived his harmonic material from the inverted-augmented scale. Others cited in this book may have simply used their intuition and ear. It is not the authors' purpose to speculate on what others think about when they improvise. What we have observed is that many players use this scale in different ways. In an effort to help the student we have devised a set of rules. Use them as a starting point and remember that rules are made to be broken.

The augmented scale is a possible scale choice over any chord that contains an augmented triad within it. Since the scale is symmetrical there will be three starting notes available, but the end result will be the same. In other words if a C augmented scale sounds good over a given chord, then the E and Ab augmented scales will also work. In the examples that follow some notes are circled. Unless a strong dissonance is desired avoid stopping on them. These notes should be treated as passing tones.

- For maj^{7#5} chords, build an augmented scale on the root (third or raised fifth)

Cmaj⁷ [CΔ⁷, CΔ^{7#5}, CΔ⁺¹]

C augmented scale E augmented scale G# augmented scale

- For min/maj⁷ chords, build an augmented scale on the major seventh (minor third, perfect fifth)

Cmi(^{Δ7}) [Cmi(^{Maj7}), C^{-Δ}]

B augmented scale Eb augmented scale G augmented scale

- For dominant chords in general, build an augmented scale on the root (third or raised fifth)

C⁷ C^{13(#11)} C^{7#5} C^{7#5}_{b9} etc.

C augmented scale E augmented scale G# augmented scale

- For half-diminished chords, build an augmented scale on the seventh (second or raised fourth).

Exercises, Patterns and Etudes

An effective way to get the sound of a scale in your ears and the technique to play it under your fingers is to create patterns from the triads and/or sevenths chords which are found in the scale. This technique is used in the exercises that follow (nos. 1-9). They cover all twelve keys. As discussed earlier, because of its symmetrical nature, there are only four different augmented scales. Therefore, when your fingers learn C, they also know E and G#. If you learn these patterns from the four lowest notes on your instrument, your fingers will have practiced all the possible finger combinations for all twelve keys. However, hours of repetition must follow until you can easily play these patterns starting on any note.

With the theoretical discussion in the opening pages of this book and with the introductory exercises as models it is hoped that the reader would be able to devise his/her own practice patterns. That, of course, is the goal and the student should aim for it. In the meantime use the patterns that begin on page 23 as a starting point. They are given without rhythmic variation and if played verbatim during the course of a solo they will sound stiff, unmusical and "plugged in." It is up to you to vary them in ways that create music. This is really what we all should be striving for. Assimilate the material, internalize it, then make it your own. Certainly everyone uses "licks." Even classical composers like Mozart, Bach, Beethoven, (you name one) had their "licks". But what master composers and improvisers all learn how to do is to create art from basic material.

The sentence you are presently reading should make sense to you.

Does this one?

To sense you are presently make the sentence you should reading.

Both sentences use exactly the same words, but the second one is garbled. The difference between a good improviser and a weak one is often exactly the same as the difference in the above two sentences. If you want to be an accomplished improviser you must learn to make musical sense out of harmonic, melodic and rhythmic material. Learn some words, construct some sentences. Get some paragraphs that have meaning--then tell a story.

The etudes which begin on page 36 attempt to exploit and to demonstrate in a musical way some ways to use this scale in jazz. They simulate improvised solos and were written with the saxophone in mind. Other instrumentalists may have to make adjustments in range.

Introductory Exercises

1

Musical staff 1 consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

b

Musical staff b consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

c

Musical staff c consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

d

Musical staff d consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

2

Musical staff 2 consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

b

Musical staff b consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

c

Musical staff c consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

d

Musical staff d consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

3

Musical staff 3 consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

b

Musical staff b consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

b

Musical staff b consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

b

Musical staff b consists of a single melodic line in G major. It features quarter notes and grace notes, with slurs indicating phrasing. Dynamic markings include a piano dynamic at the beginning and a forte dynamic at the end.

c

d

e

f

g

h

i

j

k

l

c

d

The sheet music consists of eight staves, each representing a different melodic line (labeled a through h). The music is in common time (indicated by 'C') and uses a treble clef. The key signature changes throughout the piece, indicated by various sharps and flats. The notation includes eighth and sixteenth notes, with some notes connected by horizontal stems and others by vertical stems. The music features several melodic phrases separated by rests, with some notes having grace marks above them. The overall style is characteristic of classical or baroque instrumental music.

6

This page contains eight staves of musical notation, labeled '6' at the top left. The staves are organized into four groups: (a) two staves, (b) two staves, (c) two staves, and (d) one staff. Each staff consists of five horizontal lines. The music is primarily composed of eighth-note pairs and sixteenth-note patterns, often featuring grace notes and slurs. Measure 6 starts with a sixteenth-note grace note followed by a eighth-note pair. Measures 7-13 continue this pattern with varying note heads and rests.

a

b

c

d

The image displays eight staves of musical notation, each consisting of five horizontal lines. The notation is written in common time (indicated by a '4' over a '4') and uses a treble clef. The music is divided into measures by vertical bar lines. Each staff contains a series of notes and rests, primarily represented by short vertical strokes. The notes are mostly eighth notes, with some sixteenth notes and quarter notes appearing in later staves. Measure lengths vary, with some measures containing four notes and others containing three or two. The music is annotated with various performance markings, including dynamics like 'f' (fortissimo), 'ff' (fortississimo), and 'p' (pianissimo), and tempo markings like 'Largo' and 'Adagio'. Measure numbers are present above the first few staves: '1' above staff 'a', '2' above staff 'b', '3' above staff 'c', and '4' above staff 'd'. Measures 5 through 8 are indicated by ellipses below staff 'd'.

The musical score consists of ten staves, each labeled with a lowercase letter from 'a' to 'j'. The staves are arranged vertically, with 'a' at the top and 'j' at the bottom. Each staff begins with a clef (mostly G-clef), followed by a key signature, and a time signature of 4/4. The music is composed of eighth and sixteenth note patterns, often connected by horizontal lines. The notes are primarily black, with some white notes appearing in certain staves. The overall style is technical and rhythmic.

a

b

c

d

e

f

g

h

i

j

DIATONIC PATTERNS*

C $\Delta+$, C 7 alt, C $^{13}(\sharp 11)$, D $^{\flat}\Delta$, D 6

The patterns are as follows:

- Pattern 1:** A simple eighth-note scale-like run.
- Pattern 2:** An eighth-note run with some sixteenth-note figures.
- Pattern 3:** An eighth-note run with some sixteenth-note figures.
- Pattern 4:** An eighth-note run with some sixteenth-note figures.
- Pattern 5:** An eighth-note run with some sixteenth-note figures.
- Pattern 6:** An eighth-note run with some sixteenth-note figures.
- Pattern 7:** An eighth-note run with some sixteenth-note figures.
- Pattern 8:** An eighth-note run with some sixteenth-note figures.
- Pattern 9:** An eighth-note run with some sixteenth-note figures.
- Pattern 10:** An eighth-note run with some sixteenth-note figures.
- Pattern 11:** An eighth-note run with some sixteenth-note figures, featuring a '6' above certain notes.

* These patterns are derived from the C augmented scale. Transpose them to all keys.

C Δ +, C 7 alt., C $^{13}(\#11)$, D $^{\flat}\Delta$, D $^{\flat}$

The musical score consists of 12 staves of handwritten notation for a solo instrument. The key signature varies throughout the piece, with frequent changes indicated by sharp and flat symbols. The time signature is mostly common time (indicated by a '4'). The music features continuous eighth-note patterns, often with sixteenth-note grace notes. Dynamic markings include forte (f), piano (p), and sforzando (sf). Articulation is marked with staccato dots and dashes. The piece begins with a melodic line and transitions into a more rhythmic, pattern-based section.

12

13

14

15

16

17

18

19

20

21

22

23

C△+, C⁷alt, C^{13(♯1)}, D^{♭△}, D[△]

24

25

26

27

28

29

C $\triangle+$, C 7 alt., C $^{13}(\sharp 11)$, D $^2\triangle$, D 2

30

31

32

33

34

35

36

C△+, C⁷alt., C¹³⁽⁴¹⁾, D^{2△}, D⁴

37

38

39

40

41

42

43

44

45

46

C $\Delta+$, C 7 alt, C $^{13}(\sharp 11)$, D $^7\Delta$, D $^{\phi}$

47

48

49

50

51

52

53

54

55

56

57

CHROMATIC PATTERNS*

The image displays ten staves of musical notation, each consisting of five horizontal lines. The notation is primarily composed of eighth-note heads, some of which are solid black, some are white, and some are hollow. Sharp (#) and flat (b) symbols are placed above or below the note heads to indicate specific pitch requirements. In some staves, there are also small vertical stems extending from the note heads. Numerical markings, such as '3' and '5', are present under certain notes in several staves, likely indicating specific fingerings or technical instructions. The staves are arranged vertically, suggesting they are meant to be played sequentially.

* These patterns combine augmented scales built on all scale degrees. Transpose them where applicable.

Musical score for a single instrument, likely a woodwind or brass, featuring ten staves of music. The music is in common time. The score consists of ten staves, each with a different dynamic marking (e.g., forte, piano, accent) and a unique melodic line. The instrumentation is indicated by a woodwind-like symbol at the beginning of the first staff.

The score is divided into measures by vertical bar lines. Measure 7 starts with a treble clef and G major. Measure 8 starts with a bass clef and C major. Measures 9 and 10 continue the melodic line. The music includes various dynamics like forte, piano, and accents, and features eighth and sixteenth note patterns.

11

12

13

14

15

16

15

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17

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19

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21

22

23

24

19

20

21

22

23

24

25

26

27

MINOR II-V-I PATTERNS

The page contains twelve musical staves, each consisting of five horizontal lines. The staves are numbered 1 through 12 from top to bottom. The key signature for all staves is one sharp (F#), indicating G major. The time signature is common time (indicated by a '4'). The first staff begins with a D⁷ chord, followed by a G⁷ alt chord, and ends with a C- chord. Subsequent staves continue this harmonic progression, with some variations in the melodic line. Measures are separated by vertical bar lines. Some notes are connected by horizontal stems, while others are separate. Measure numbers are placed below the staves at the end of each measure.

1 D⁷ G⁷ alt C-

2

3

4

5

6

7

8

9

10

11

12

D⁶

G⁷ alt

C-

13

14

15

16

17

18

19

20

21

22

23

24

Rhythming Out

Up Tempo Jazz Swing

 $\sigma = 120$

1

5

9

13

17

21

25

29

Based on the chord progression of
"Tanuki's Night Out" by Lew Tabackin

A handwritten musical score consisting of eight staves of music. The music is written in common time and uses a treble clef. The score includes dynamic markings such as *f*, *p*, *c*, *mf*, *mp*, and *v*. Articulation marks include dots, dashes, and vertical strokes. The score is organized into measures, with measure numbers 33, 37, 41, 45, 49, 53, 57, and 61 indicated. Chords are labeled above the staff at the beginning of each measure: C-, F7, B♭, E♭7, A-, D7, G-, C7, F, C-, F7, B♭, E♭7, G-, C7, F, D♭7, and F. The music features various performance techniques like grace notes, slurs, and grace notes.

Way Out Of Town

Medium Tempo Jazz Swing • = 126

The sheet music consists of ten staves of musical notation, each with a treble clef and a key signature of one sharp (F#). The music is in common time. The first staff starts with a dynamic of *mf*. The second staff begins with a measure containing a single note followed by a sixteenth-note pattern. The third staff features a bass line with eighth-note patterns. The fourth staff includes a measure labeled *A7(b9)*. The fifth staff contains measures labeled *D-*, *G7*, and *C Maj*. The sixth staff includes measures labeled *F7*, *D-*, *C-*, and *B-*. The seventh staff begins with a measure labeled *E7(b9)*. The eighth staff includes a measure labeled *A-*. The ninth staff begins with a measure labeled *A7(b9)*. The tenth staff includes measures labeled *D-*, *F-*, *Bb7*, and *C*. The eleventh staff begins with a measure labeled *E-*. The twelfth staff includes a measure labeled *A7(b9)*. The thirteenth staff begins with a measure labeled *D-*. The fourteenth staff includes a measure labeled *G7*.

Based on the chord progression of
"Get Out Of Town" by Cole Porter

C B^ø E7(♯9) A-

f

A7(b9) D- G7

C Maj F7 D- C-

B- E7(b9) A-

D- A7(b9)

F- B♭7 C E- A7(b9) D-

G7 C B^ø E7(♯9) A-

This musical score page contains ten staves of piano music. The first staff begins with a C major chord, followed by a Bø chord, an E7(♯9) chord, and an A- chord. The dynamic 'f' is indicated. The second staff starts with a B- chord. The third staff begins with an A7(b9) chord, followed by a D- chord, and a G7 chord. The fourth staff starts with a C major chord. The fifth staff begins with a B- chord. The sixth staff starts with an A7(b9) chord. The seventh staff begins with a D- chord. The eighth staff begins with an F- chord, followed by a B♭7 chord, and a C chord. The ninth staff begins with an E- chord, followed by an A7(b9) chord, and a D- chord. The tenth staff begins with a G7 chord, followed by a C chord, a Bø chord, an E7(♯9) chord, and an A- chord.

Hardly A Morning Sunrise

Up Tempo Jazz Swing

 $\text{d} = 112$

A-

B-
C-
D-
E-
F-
G-
H-
I-

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Based on the chord progression of "Softly, as in
a Morning Sunrise" by Sigmund Romberg

A-



B-



41



D-

G7



C



E-

A7(b9)



D-

E**flat**7

E7



A-



61



Lu-Lu

Jazz 3/4 = 152

Sheet music for Lu-Lu, a jazz piece for solo instrument. The music is in Jazz 3/4 time at 152 BPM. It features a single melodic line with various dynamics and articulations. Chords labeled include C⁷⁺, B7, C⁷⁺, B Δ , F \sharp , G Δ 11, C \sharp 7(\sharp 9), C \sharp 7 Δ , B7, B Δ , F \sharp , G Δ 11, G Δ 11, C \sharp 7(\sharp 9), and C \sharp 7+.

Measure numbers: 1, 7, 13, 19, 25, 31, 36, 42, 47.

Based on the chord progression of "Ju-Ju"
by Wayne Shorter

51

56 C⁷⁺ B7

B_b Δ F \sharp G Δ ¹¹

61 C⁷⁽⁹⁾

C⁷⁽⁹⁾ G Δ ¹¹

72 C⁷⁺ V

77

C⁷⁺ B7 B_b Δ

82

F \sharp G Δ ¹¹

87 C⁷⁽⁹⁾ G Δ ¹¹ C⁷⁽⁹⁾ (C⁷⁽⁹⁾)

92

Salem

Medium Tempo Jazz Swing

♩ = 116

D-

Sheet music for "Salem" featuring ten staves of musical notation for a single instrument. The music is in 4/4 time, Medium Tempo Jazz Swing, with a key signature of D minor (one sharp). The first staff starts at measure 1. Subsequent staves begin at measures 5, 8, 11, 14, 17, 20, and 23. Chords indicated include A♭7, G7, F♯7, F7, B♭, B13(♯11), and A7+♯9. Measure numbers 1 through 23 are marked below each staff.

Based on the chord progression of "Witch Hunt"
by Wayne Shorter

D-

26

30

F-

33

36

D-

39

42

A♭7 G7 F♯7

42

F7 B♭7

45

B♭ A7♯9 D-

48

Downside Up

Up Tempo Jazz Swing

$$\sigma = 96$$

Walt Weiskopf

A handwritten musical score consisting of ten staves of music for a solo instrument, likely guitar. The score is written in common time and includes the following markings and chords:

- Staff 1: A/C, C \sharp A+
- Staff 2: A/C, B \emptyset , E7(b9)
- Staff 3: F \sharp A11, A \flat D Δ + (with a wavy line), Asus, Bsus, Csus
- Staff 4: Ebssus, B/D (with a wavy line), D.S. Only, B \flat /D \flat , A/C
- Staff 5: Fine
- Staff 6: C \sharp A+, A/C (with a wavy line)
- Staff 7: B \emptyset , E7(b9), F \sharp A11
- Staff 8: A \flat D Δ +, Asus, Bsus, Csus
- Staff 9: Ebssus, B/D (with a wavy line), B \flat /D \flat , A/C
- Staff 10: C \sharp A+, A/C (with a wavy line)

The score includes measure numbers 1, 5, 9, 14, 18, 22, 26, 30, and 34.

47

A/C > Bø E7(ø9) FΔ#11
38 AΔ+ Asus Bsus Csus
42 Esus B/D B♭D♭ A/C
46 A/C C♯Δ+ A/C
50 A/C Bø E7(ø9) FΔ#11
54 AΔ+ Asus Bsus C♯sus
58 Esus B/D B♭D♭ A/C
62 A/C C♯Δ+ A/C
66 A/C Bø E7(ø9) FΔ#11
70 AΔ+ Asus Bsus Csus
74 Esus A > B/D B♭D♭
78 D.C. al Fine

This block contains the main musical score, spanning from measure 38 to 78. It features twelve staves of handwritten musical notation for guitar. The score includes various chords such as A/C, Bø, E7(ø9), FΔ#11, AΔ+, Asus, Bsus, Csus, Esus, B/D, B♭D♭, A/C, C♯Δ+, and C♯sus. Performance markings like '3' and 'A' are used throughout the score.

The Same Game

Quasi Bossa Nova $\text{♩} = 126$

The sheet music consists of eight staves of musical notation for a solo instrument, likely piano or guitar. The music is in common time and has a tempo of $\text{♩} = 126$. The key signature changes throughout the piece, indicated by labels such as $B\flat+$, $A\flat\Delta+$, $B\flat+$, $A\flat\Delta+$, $Asus$, $B7/A$, and $B\flat+$. The first staff begins with $B\flat+$ and mf . The second staff begins with $A\flat\Delta+$. The third staff begins with $B\flat+$. The fourth staff begins with $A\flat\Delta+$. The fifth staff begins with $Asus$. The sixth staff begins with $B7/A$. The seventh staff begins with $Asus$. The eighth staff begins with $B\flat+$. Various performance markings are present, including slurs, grace notes, and dynamic markings like mf and 6 .

Based on the chord progression of "Same Shame"
by Bobby Hutcherson

A \flat Δ +

29

33

37

41

45

49

53

57

61

B \flat +

C7+

Ab Δ #11

A \flat Δ +

B \flat +

Ab Δ #11

A \flat Δ +

C7+

Asus

B7/A

Asus

B7/A

B \flat +

Ab Δ #11

A \flat Δ +

C7+

Moon Juice

Up Tempo Jazz Swing $\sigma = 120$

The sheet music consists of ten staves of musical notation. The first staff begins with a treble clef, a common time signature, and a key signature of one sharp (F#). The second staff starts with a bass clef and a key signature of one flat (Bflat). The third staff begins with a treble clef and a key signature of one sharp (F#). The fourth staff starts with a bass clef and a key signature of one flat (Bflat). The fifth staff begins with a treble clef and a key signature of one sharp (F#). The sixth staff starts with a bass clef and a key signature of one flat (Bflat). The seventh staff begins with a treble clef and a key signature of one sharp (F#). The eighth staff starts with a bass clef and a key signature of one flat (Bflat). The ninth staff begins with a treble clef and a key signature of one sharp (F#). The tenth staff starts with a bass clef and a key signature of one flat (Bflat).

Measure numbers are present on the left side of each staff: 1, 5, 9, 13, 18, 22, 26, 30, 34, and 38. Various dynamic markings are included, such as *f-p*, *Bflat7*, *mf*, *p*, and *3*. Chord symbols like F, Bflat7, and Bflat7 are placed above specific measures.

Based on the chord progression of "Moon Germs"
by Joe Farrell

43 B_b7

47 B7 F

52 F 5:2 5:2

56 B_b7

60 B7 B_b7 F

64 F

68 B_b7 F B7

73 B_b7 F F B_b7

77 B_b7 F 3 B7

81 B_b7 F 3 B7

85 B_b7 F

Outer Space

Medium Tempo Jazz Swing

$\text{♩} = 126$

F-
1 3 *mf*
5
9
12
16
20
24
28
32

Based on the chord progression of
"Out of This World" by Harold Arlen

35 D-

39

E-

A7(b9)

D-

43

47

E7(b9)

A7(b9)

G-

C7(b9)

F-

53

57

61

65

68 mp

f

Major League

Up Tempo Jazz Swing $\sigma = 120$

Walt Weiskopf

D Δ + 1

G Δ + 5

G Δ + 9

D Δ + 13

A Δ + 17

D Δ + 21

D Δ + 25

G Δ + 29

Fine

33

A handwritten musical score consisting of ten staves of music for a solo instrument, likely flute. The music is in common time and uses a treble clef. The key signature changes frequently, indicated by labels such as DΔ+, AΔ+, GΔ+, and CΔ+ above the staff. Various dynamic markings are present, including crescendos (>) and decrescendos (<), as well as accents (^) and slurs. Measure numbers are written at the beginning of each staff: 37, 41, 45, 49, 53, 57, 61, 65, and 69. The score concludes with the instruction "D.C. al Fine" at the end of the tenth staff.

D.C. al Fine

Matawan

Medium Tempo Jazz Swing • = 132

Walt Weiskopf

1 *mp*

5

10

15

20

25

30 *fine*

35

40

41

$G\flat\Delta+$

45

 $A\flat\Delta+$

48

 $E\Delta\sharp^{11}$

51

 $G\flat\Delta+$

54

 $A\flat\Delta\sharp^{11}$ $B\flat\Delta\flat^9$

58

 $C-G$ $E\Delta\sharp^{11}$ $G\flat\Delta+$

64

 $B\Delta\sharp^{11}$ $B\flat\Delta+$ $A\Delta\sharp^{11}$ $A\flat\Delta+$ $G\Delta\sharp^{11}$

67

D.C. al fine

70

Imagination

Quasi Bossa Nova

♩ = 120

Walt Weiskopf

Sheet music for piano, featuring two staves. The top staff uses a treble clef and the bottom staff uses a bass clef. The music is in common time.

Top Staff:

- Measure 1: A♭Δ+11, BΔ+11, AΔ+11, A♭Δ+11, AΔ+11
- Measure 2: DΔ+11, AΔ+11, BΔ+11
- Measure 3: AΔ+11, CΔ+11, BΔ+11
- Measure 4: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, BΔ+11, BΔ+11
- Measure 5: B♭, B-, C-, B♭/B
- Measure 6: BΔ+13, A13(b9), A♭Δ, GΔ+

Bottom Staff:

- Measure 7: BΔ+11, BΔ+11, AΔ+11
- Measure 8: AΔ+11
- Measure 9: BΔ+11, AΔ+11
- Measure 10: AΔ+11
- Measure 11: Fine, mf
- Measure 12: AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 13: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 14: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 15: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 16: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 17: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 18: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 19: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 20: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 21: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 22: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 23: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 24: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 25: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 26: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 27: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 28: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 29: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 30: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 31: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 32: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 33: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 34: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 35: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 36: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 37: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11
- Measure 38: BΔ+11, AΔ+11, A♭Δ+11, BΔ+11, DΔ+11, AΔ+11

B_p/BB_p Δ 13

GΔ+

BΔ+11

B_p Δ +11

AΔ+11

A_p Δ +11B_p Δ +11

AΔ+11

A_p Δ +11

AΔ+11

A_p Δ +11

BΔ+11



DΔ+11

A_p Δ +11

BΔ+

A_p Δ +11C_p Δ +11

DΔ+11

B_p Δ +11

AΔ+11

A_p Δ +11

BΔ+11

DΔ+11

BΔ+11

B_p Δ B_b

B-

B_p/BB_p Δ +11A_p Δ +11

GΔ+

BΔ+11

B_p Δ +11

AΔ+11



D.C. al Fine