

# Insights in Jazz

John Elliott, March 2010  
Leeds International Jazz Conference



## Agenda

- Problem
- Approach
- Conclusions

# Problem: Scope

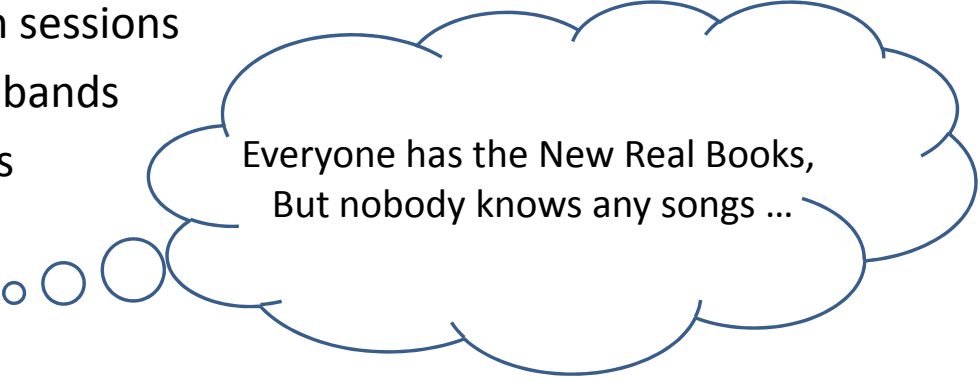
- Not
  - How to improvise
  - Why functional harmony works
    - I don't need to know how to spell in order to speak

Barrie Nettles and Richard Graf,  
*The Chord Scale Theory & Jazz  
Harmony*, Advance Music, 1997.

Mark Levine, *The Jazz Theory  
Book*, Sher Music Co, 1995.

# Problem: Aural tradition

- 'Hearing' the changes
- Need to know what to expect
  - And where (context!)
- Fewer and fewer:
  - Jam sessions
  - Big bands
  - Gigs



Everyone has the New Real Books,  
But nobody knows any songs ...

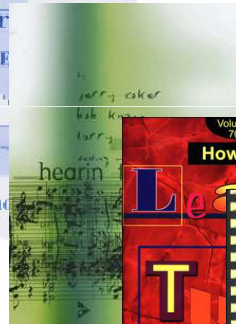
# Problem: History

Jerry Coker, *Improvising Jazz*, Prentice Hall, 1964.

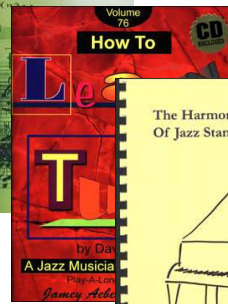
- Coker, 1964
- Cork, 1981
- Baker, 1997
- Sabatella, 2003
- Elliott, 2009



Conrad Cork, *A New Guide to Harmony with LEGO Bricks*, Tadley Ewing Publications, Revised 2008.  
<http://www.tadleyewing.co.uk/>

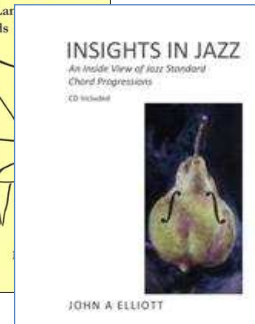


David Baker, *How to Learn Tunes*, Play-A-Long Recording, vol 76, Jamey Aebersold Jazz, 1997.



Marc Sabatella, *The Harmonic Language of Jazz Standards*, Outside Shore Music, 2003.  
<http://www.outsideshore.com>

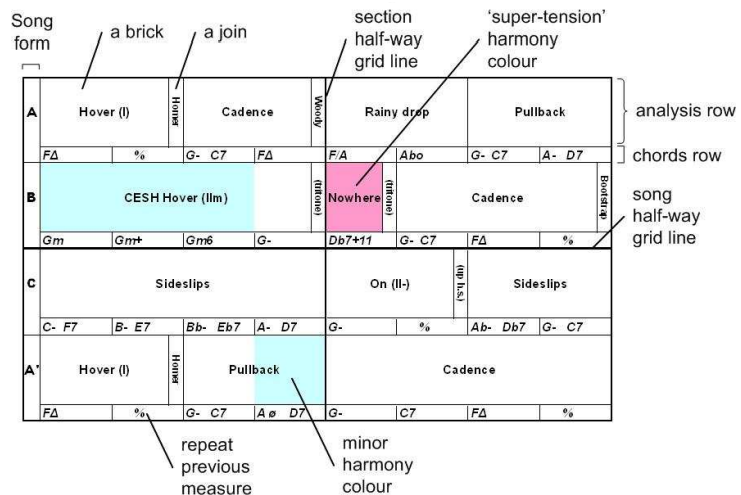
Jerry Coker, Bob Knapp & Larry Vincent, *Hearin' the Changes*, dealing with unknown tunes by ear, Advance Music, 1997.



# Approach: Form

- Grigson Grid
- Visual *aide-mémoire*
- Context is king

Lionel Grigson, *A Jazz Chord Book*, 3<sup>rd</sup> Edition, Jazzwise Publications, 1995.



# Simple example

- Form AABA
  - A
    - Pennies Ending
    - Variant
  - B
    - Rhythm bridge
- Launchers

B.80 I Can't Believe that You're in Love ...

A	Pennies Ending (Somewhere variant)							Bookends	To ...
	F6	Bb7	CΔ	D7	D-	G7	CΔ	G- C7	
A	Pennies Ending (Somewhere variant)								
	F6	Bb7	CΔ	D7	D-	G7	CΔ	%	
B	Rhythm Bridge							Bookends	To ...
	B-	E7	E-	D7	A-	D7	D- G7	G- C7	
A	Pennies Ending (Somewhere variant)							Bookends	To ...
	F6	Bb7	CΔ	D7	D-	G7	CΔ	(G- C7)	

# Remembering *April*

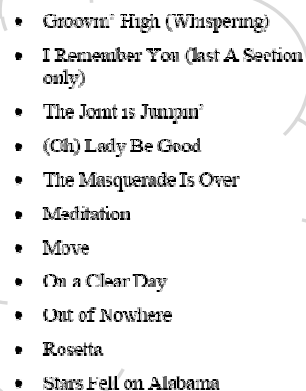
- Unusual symmetry
  - Form ABA!
  - Joins
    - Enter and exit bridge with *Highjumps*
    - Inside bridge use *Sidewinders*

B.93 I'll Remember April

	Hover On	Hover Off (IV7)	CESH Hover On					Hover
A	GΔ	%	C7+11	%	G-	Gm+	Gm6	Gm+
	Pullback							Highjump
	AΔ	D7	BΔ	E7	A-	D7	GΔ	%
	Dropback							Sidewinder
B	C-	F7	Bb	D- G7	C-	F7	BbΔ	%
	Cadence			Sidewinder	Cadence			Highjump Launcher
	A-	D7	GΔ	%	F#-	B7	EΔ	A- D7
A	Hover On	Hover Off (IV7)	CESH Hover On					Hover
	GΔ	%	C7+11	%	G-	Gm+	Gm6	Gm+
	Pullback							
	AΔ	D7	BΔ	E7	A-	D7	GΔ	%

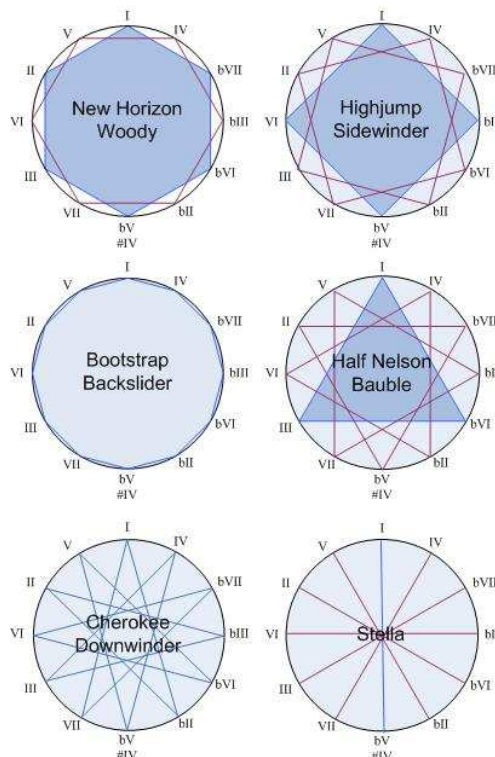
# Approach: Bricks

- Removes ambiguity in chord changes
  - Analysis decides where the bricks lie
- Makes you robust to substitution
  - Families of bricks
    - *To IV n Back*
    - *On-Off-On + Dropback*
  - Meta view
    - You know where you are going
    - You can relax, knowing you'll not get lost
    - Your solos will make sense

- 
- Groovin' High (Whispering)
  - I Remember You (last A Section only)
  - The Joint is Jumpin'
  - (Cth) Lady Be Good
  - The Masquerade Is Over
  - Meditation
  - Move
  - On a Clear Day
  - Out of Nowhere
  - Rosetta
  - Stars Fell on Alabama

# Approach: Joins

- 12 'joins' given names
- Context is king
  - Frequency analysis
- Example sequence
  - New Horizon x2; Bauble
    - How High The Moon
    - Laura
    - Tune Up



# Pop quiz

- Learning *the repertoire* at light speed
  - What links these songs together?

Don't Go To Strangers;  
Honeysuckle Rose;  
I'm Confessin';  
On the Sunny Side of the Street;  
Santa Claus is Coming to Town;  
Satin Doll;  
September in the Rain;  
That's All, That's Just What I'm In;  
Woody

**HONEYSUCKLE BRIDGE**

Tea for Two;  
You Don't Know What Love is  
(bridge);  
All The Things You Are;  
Anything Goes;  
Baubles, Bangles and Beads;  
Bernie's Tune;  
Between the Deep Blue Sea;  
Cry Me a River (bridge);  
Gone With the Wind;  
How Deep is Your Love;  
I Love You;  
I Love You Porgy;  
I Remember You (bridge);  
If I Had You;  
I'm Old Fashioned;  
Like Someone In Love;  
Moonlight in Vermont;

**'BAUBLE' TO KEY III**

- Alice in Wonderland
- Bauble, Bangles and Beads (last 4 measures)
- Body and Soul (bridge)
- Bye-Bye Blackbird
- Ceora
- Cute
- Everything's a Wonderful World to Me
- Fly me to the Moon
- I Love You
- I Love You Care
- I Remember April
- Let it Snow
- L'il Darlin'
- Tally Ho of Dinah

**7-CHORD PULLBACK**

## Conclusions: Some Objections

- Why all these crazy names for things I already know?
  - Coker and Roman numerals
  - Brevity is the thing
- What use is this for modern jazz?
  - Clears the decks
  - System is open to extensions

# Conclusions: How to use

- Play
  - More meaningful solos in any key
- Compose
  - Know the standard solutions
  - Avoid them or use them!
- Teach

Manhattan School of Music NYC  
*Jazz Student Handbook 2006-2007* (<http://www.msmnyc.edu>).

# Conclusions: For more information

- [www.dropback.co.uk](http://www.dropback.co.uk)
  - Method
  - Free downloads
  - Podcasts
  - e-book
- Google Group
  - <http://groups.google.com/group/LEGO-bricks?hl=en>
  - Free downloads
  - Join the discussion!