



Modes; Chord-Scales: I

Modes and chord-scales are extremely important. Ithink any serious improvising guitarist would be wise to become as familiar as possible with them. Although it's true that many fine players are not especially knowledgeable about modes, this is definitely the exception, not the rule. (And it's going to become more so as time goes on.) However, I might also point out that there are many guitarists who know a lot about modes and still don't play very well. So let's not start to equate modal knowledge with playing ability or musicality. Let's just say that modes are real important.

Modes provide an excellent overview of melodic and harmonic possibilities. (Modal thinking is both melodic and harmonic simultaneously: G7 alt. is equally a scale with infinite melodic possibilities as well as a chord-type with vast harmonic possibilities.) Keep in mind that all of this amounts to a lifelong study. There is no end to how much you could learn about modes and their implications.

It seems that the kind of problems that many guitarists have with modes are twofold. First of all, the very nature of modes includes so much within it that the overview aspect can sometimes lead to confusion instead of clarification (not seeing the trees for the forest). Secondly, the complicated nature of the guitar tends to lend itself to very incomplete understanding, laden with gaps. I think these problems can be overcome and/or worked through by an intelligent and thorough approach to both learning the materials and learning the instrument.

Modal Vamp [from F Major scale]

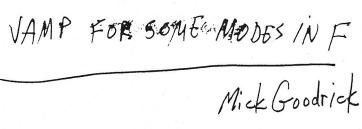
4/4 [even 1/8th]

- || A phrygian | Bb lydian | A phrygian | G dorian | A phry. |Bb lyd. | Bb F | C7 ||
- || Edim. Bb | F C | G- D- | A- Edim. | Edim. A- | D- G- | C F | Bb Edim. ||
- || A phrygian | Bb lydian | A phrygian | G dorian | A phry. |Bb lyd. | Bb F | C7 ||
- || A phrygian | Bb lydian | A phrygian | G dorian | A phry. |Bb lyd. | Bb F | C7 ||
- || Fionian | F ||



4. INT. PABNEU JAZZWORKSHOP St. Georgen am Walde, 20. bis 25. Juli 1998

Seminarleitung: Winfried Hackl, A-4311 Schwertberg, Hauptstraße 14, Telefon / Fax: 0 72 62 / 62 64 3







To Do:

- Experiment with all possible scales, modes and arpeggios using the entire fingerboard.
- Improvise on Vamps, Standard Tunes, Blues, and Rhythm Changes using the entire fingerboard.

The Straight Path

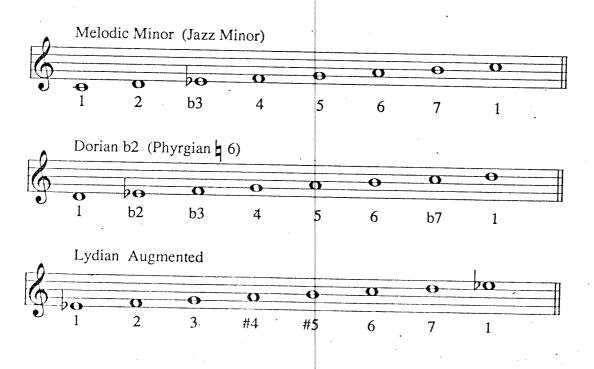
Improvise on modes of C major scale using the entire fingerboard.

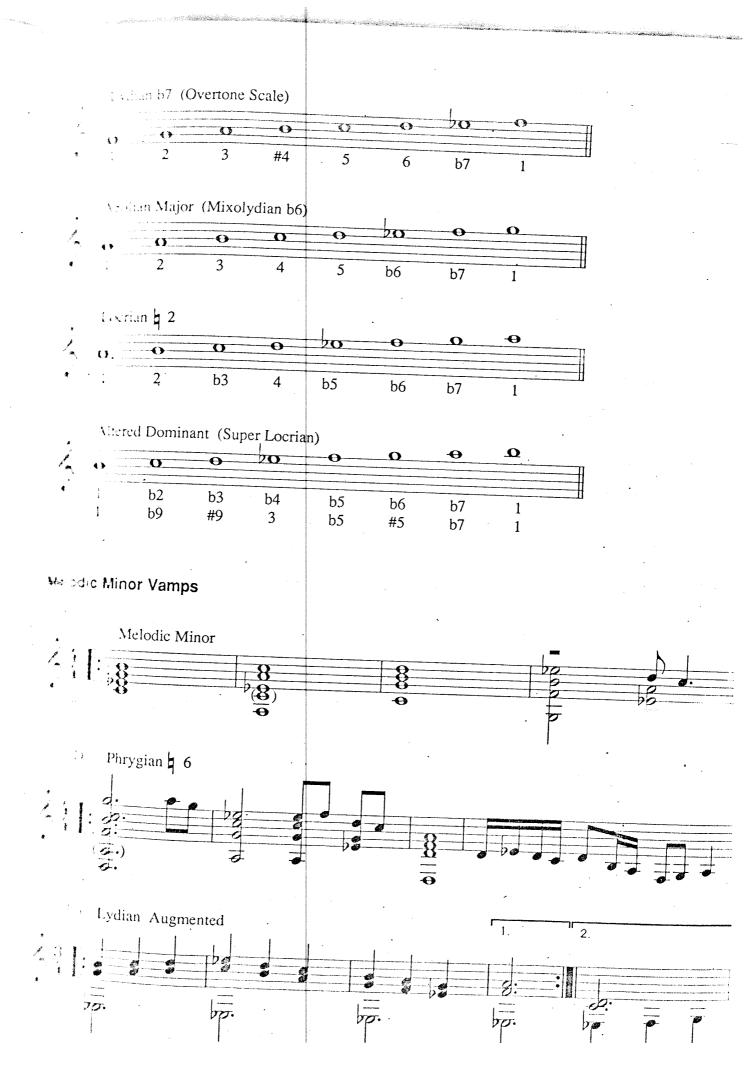
The Approach: Take 2, Take 3

We've taken the C major scale and its modes all the way through "The Approach." Now, go back to the beginning and go through the same procedures using the C melodic minor scale and its modes. (You'll probably want to use "the Straight Path" sections.) When you've completed that, start back at the beginning again, but this (third) time, use the C harmonic minor scale and its modes. (Work especially on the modes built on I, IV, V, VI.)

- It's absolutely amazing what happens when you change one note in a major scale. (E changes to Eb for melodic minor.)
- It's also absolutely amazing what happens when you change one note in a melodic minor scale. (A changes to Ab for harmonic minor.)
- You might also work with other seven- note scales. For example, C D E F G
 Ab B C or C Db E F G Ab B C.
- Sheets on C melodic minor and C harmonic minor follow:

Melodic Minor Modes







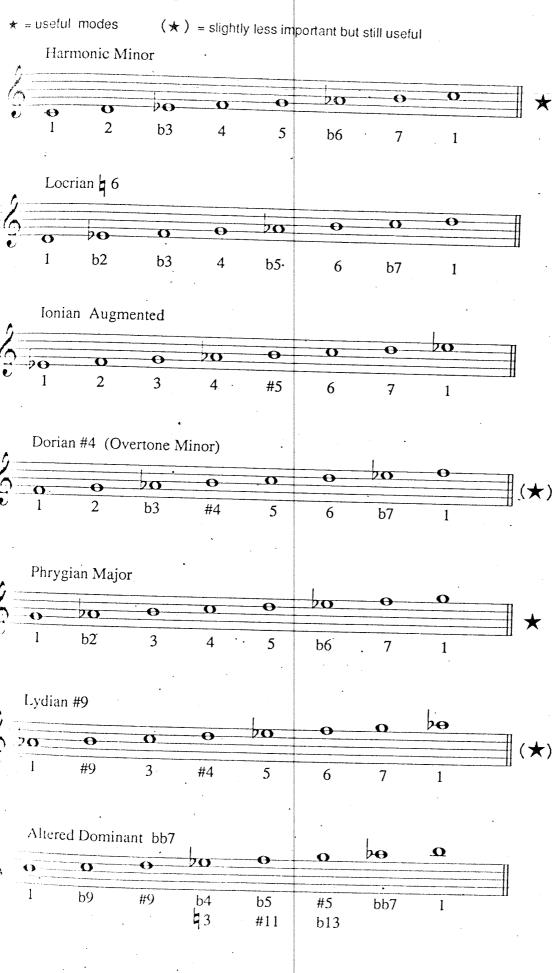
MElodic Minor Vamp with 3 Tonic System

Gnelmin Ftatt | Bnelmin Bbatt. Ebnelmin.

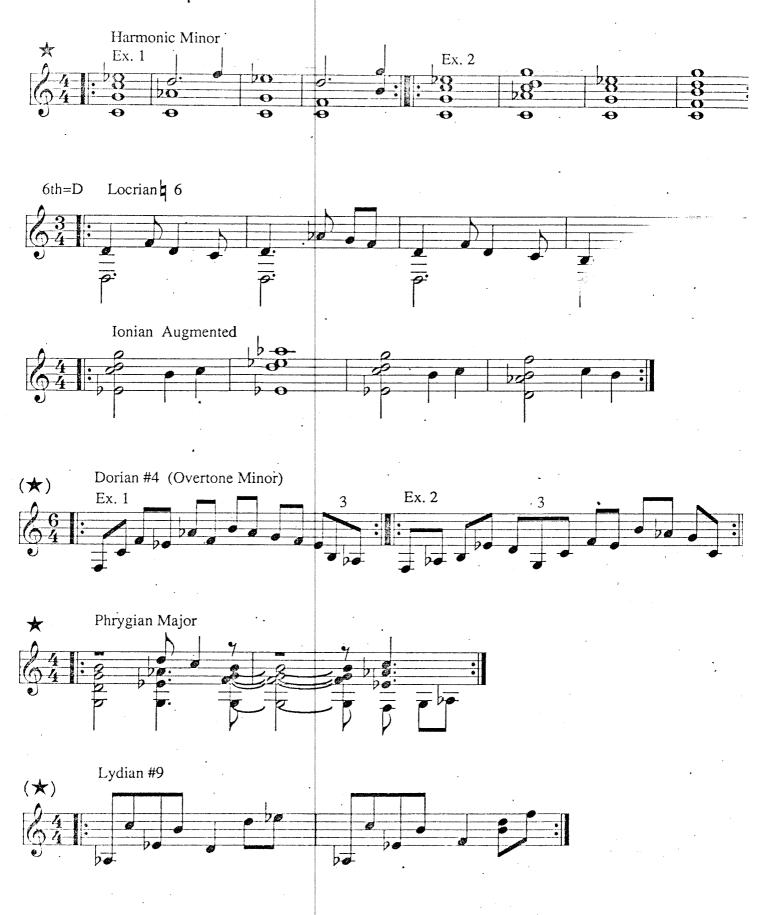
LDDP 68,

Berklee college of music

Harmonic Minor Modes



Harmonic Minor Vamps





What Next?

At this point, I think it makes sense to mention something. Our approach has been commarily derivative so far. (The modes were derived from C major scale, C melodic minor, harmonic minor, etc.) It would be a good idea to go through the same material again, but to stime, approaching it in a parallel fashion. That means: all the modes from the same reat. You might choose to pick C as the root since you probably know that key fairly well by now. Personally, I think it might be even better to pick either E or A. These notes are the two lowest open strings. The idea here is that it would be very convenient to have a www.open-string root in going through the parallel approach. This is particularly true of tarmonic material, since you'll have either four or five of the higher strings to play the so brings, as well as the low, open-string root to sound against any voicing you want. That might come in very handy.

E Ionian E Dorian b2 E Dorian E Lydian augmented E Phrygian E Lydian b7 E Lydian E Aeolian major E Locrian 12 E Mixoloydian E altered dominant bb7 E Aeolian E Locrian E harmonic minor E Dorian #4 E melodic minor

E Phrygian major E Lydian #2

E whole tone

E pentatonic (chinese) 1 2 3 5 6 E pentatonic (japanese) 1 2 b3 5 6 E sym. diminished whole step, half step

E sym. diminished (dom.) half step, whole step

Examples:

- Play the melody to "Happy Birthday" in Ellonian. Transpose it to the other 17.7-note modes.
- Write a simple melody in Ellonian that uses all the notes (seven) at least twice each. Transpose to the 17 other seven-note modes.
- Go back to playing up and down a single string, using all the material, then play the other five strings. Then five sets of two adjacent strings. Then all the above material mopen position. Then in one position. Then take a break!
- Explore counterpoint and harmonic material from all above modes and scales for at least 20 years.

Thinking Guitarist

Majoring In Harmonic Minor

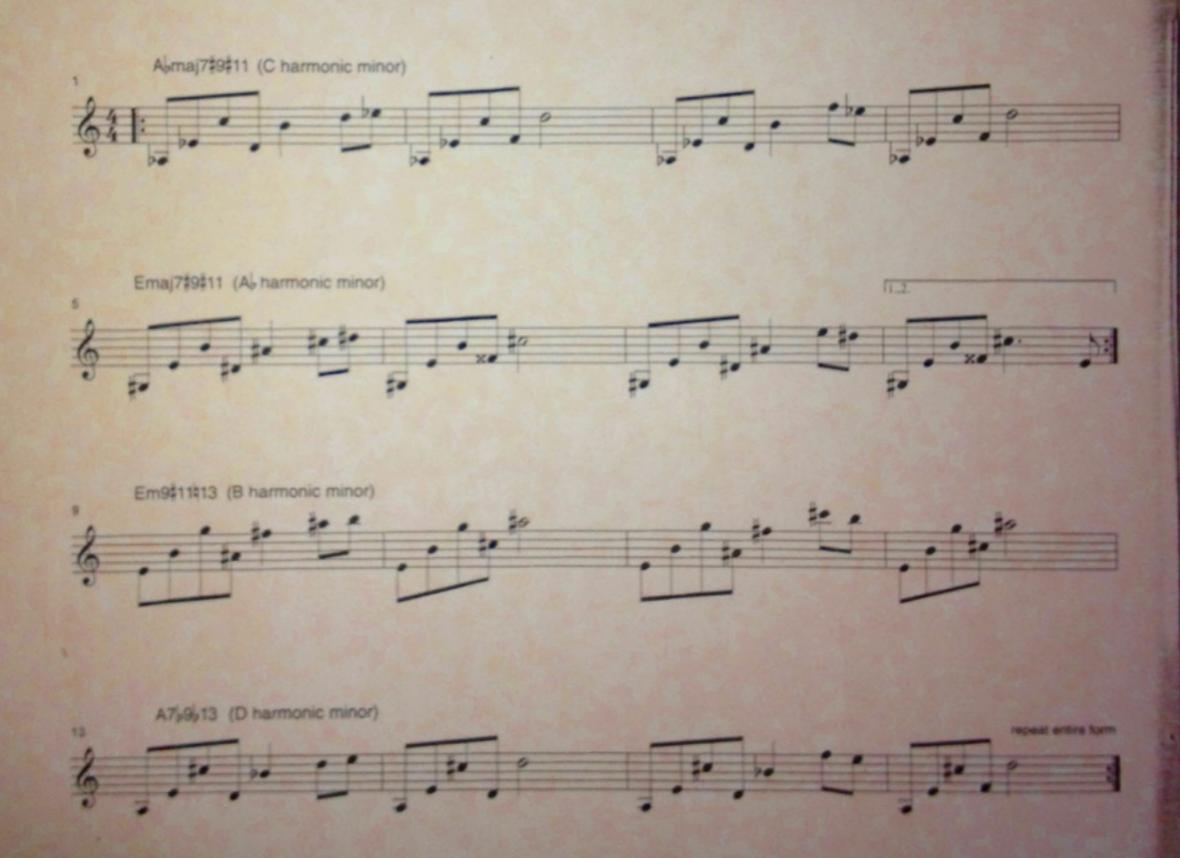
BY MICK GOODRICK

harmonic minor modes. The first 12 bars involve two Lydian \$2 modes (Lydian \$2 is the sixth mode of the harmonic minor scale). The eight-bar bridge includes a Dorian \$4 mode (fourth mode of harmonic minor) as well as a Phrygian major (fifth mode of harmonic minor).

Record the vamp many times on your 4-track. Then solo against the vamp using the appropriate harmonic minor scales. You'll probably find this a bit tricky at first. These modes have a rather exotic sound and take some time to hear, but you'll find the time well spent, because you'll eventually be able to introduce the harmonic minor scale's

distinctive flavor in places most guitarists wouldn't think it would be available: major and minor 7th chords. Pass the baba ghannouj!

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New England Conservatory
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York, NY 10023].



Thinking Guitarist

Exploring The Harmonic Major Scale

BY MICK GOODRICK

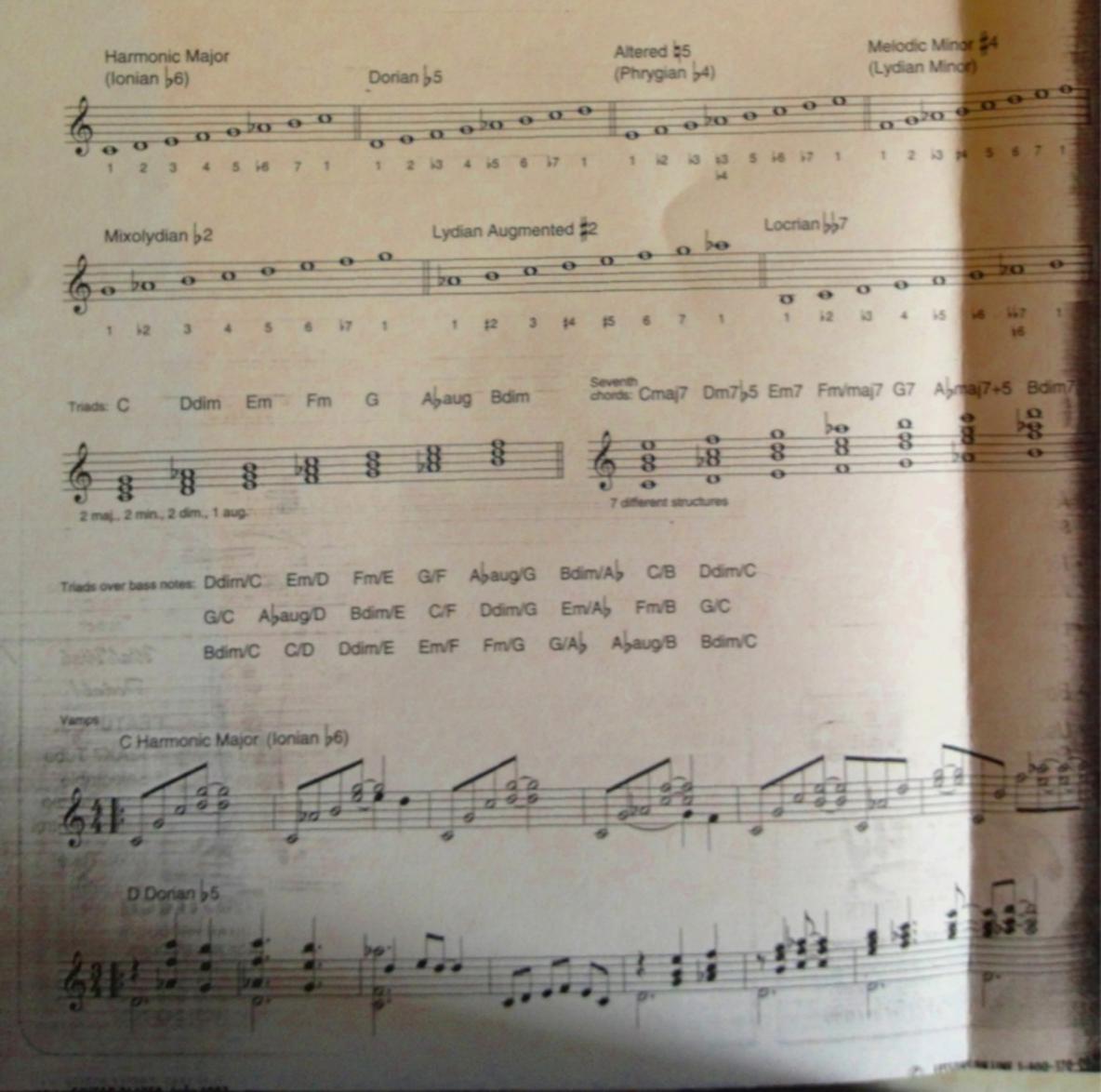
a s promised last time, here's a more detailed look at the harmonic major scale. This analysis includes the scale's modes, triads, 7th chords, and triad-overbass-note structures. The modal vamps that follow the analysis involve only the first five modes; the other two just don't seem to work

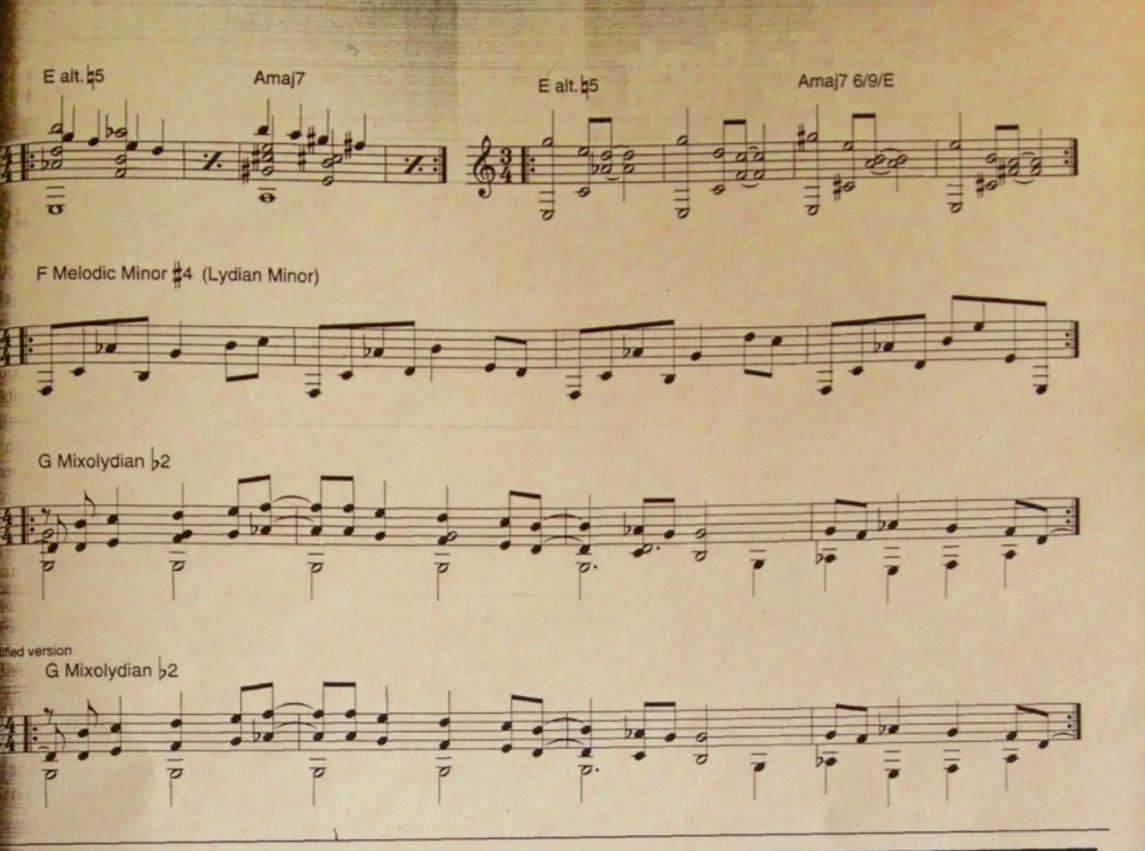
as well. However, that's just my subjective opinion. If you want to check them out, by all means do so!

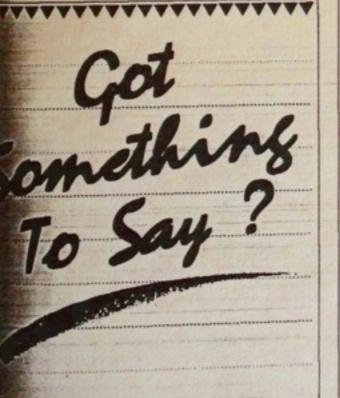
Once you can play the vamps more or less as written, feel free to experiment with them, changing the rhythms and so forth. You can even add more notes; just make certain that ber, the white notes should be sustained. Then record the vamps on your multiple and start soloing against them. I think the find some very interesting melodical harmonic material.

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The Harmonic Major Scale

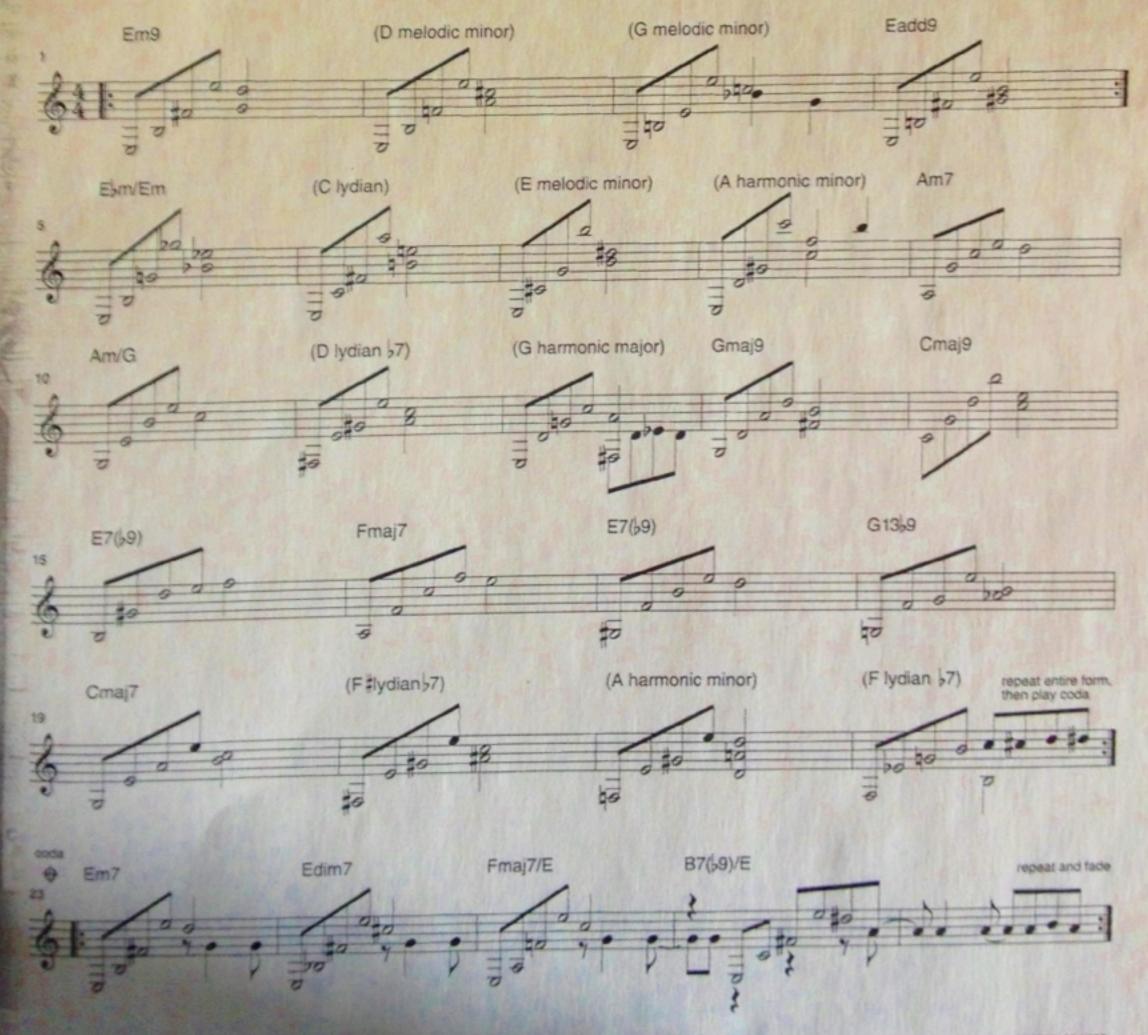
BY MICK GOODRICK

The easiest way to think of the harmonic major scale is to simply lower the 6th degree of a major scale: C. D. E. F. G. Ab. B. C=1. 2. 3. 4. 5. 66. 7. 1. The lowered 6th tends to make the sound of the scale a bit "darker" (that is, lowering the 6th of a C major scale yields F harmonic minor—we'll do a much more in-depth analysis next time). The harmonic major scale and some of its modes can be very useful in

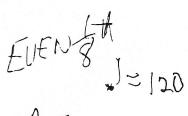
dealing with certain chords that are difficult to solo against—the *Eb/E* in measure 5, for example. You'll also have new choices for certain chords that can be handled with the more conventional scales and modes, so start working with it on your own.

The notation of the background vamp looks a bit odd. The idea is to sustain as many notes as possible after each is attacked. The notes that are filled in with black don't have to be sustained. I think the piece works best at a slower tempo. That way, you'll have more time in each measure to explore soloing with the suggested scales and modes. Enjoy!

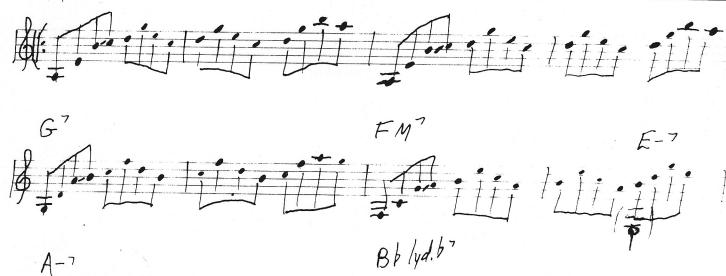
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* E #9 USE E altered 45

(CHarmonic Major)

C DEFGABBC
123456671