

C-DIMINISHED ARPEGGIO

C . . Eb . . Gb . . A . .
 R b3 b5 6

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|----|---|----|---|----|----|----|----|---|----|---|----|----|---|----|---|----|----|----|----|---|----|---|
| . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . |
| . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . |
| . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . |
| . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . |
| A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A |
| . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . |
| A | . | . | C | . | . | Eb | . | . | Gb | . | . | A | . | . | C | . | . | Eb | . | . | Gb | . | . | A |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|----|---|----|---|----|----|----|----|---|----|---|----|----|---|----|---|----|----|----|----|---|----|---|
| . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . |
| . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . |
| . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . |
| . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . |
| 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 |
| . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . |
| 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 | . | . | R | . | . | b3 | . | . | b5 | . | . | 6 |

| | | | | | | | | | | | | |
|----|----|----|---|----|---|---|----|---|----|----|----|---|
| -> | 1 | b2 | 2 | b3 | 3 | 4 | b5 | 5 | b6 | 6 | b7 | 7 |
| 1 | C | . | . | Eb | . | . | Gb | . | . | A | . | . |
| b2 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| b3 | Eb | . | . | Gb | . | . | A | . | . | C | . | . |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| b5 | Gb | . | . | A | . | . | C | . | . | Eb | . | . |
| 5 | | | | | | | | | | | | |
| b6 | | | | | | | | | | | | |
| 6 | A | . | . | C | . | . | Eb | . | . | Gb | . | . |
| b7 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |

C Diminished Arpeggio

Played from its root, the primary implication of this note group creates C Diminished sounds. So if you see a CDim chord stated on a chart or purely seek this type of sonority within your music, try these notes. Note that this arpeggio is symmetrical and that intervals are spaced equally. This causes the harmonies and melodies generated from each of its degrees to mirror one another in form and sonority. Very interesting!

Sample harmonies (try soprano strings):

| | | | |
|-----------|--------------|--------------|--------------|
| CDim | CDim6 | ADim6 | CDim6 |
| C,Eb,Gb,C | to C,Gb,A,Eb | or A,Eb,Gb,C | to C,Gb,A,Eb |
| R,b3,b5,R | R,b5,6,b3 | 6,b3,b5,R | R,b5,6,b3 |

| | | | | | | | | | | | | |
|----|----|----|---|----|---|----|---|----|---|----|-----|----|
| -> | 1 | b3 | 3 | b5 | 5 | b7 | 7 | b9 | 9 | 11 | b13 | 13 |
| 1 | C | Eb | . | Gb | . | . | . | . | . | . | . | A |
| b2 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| b3 | Eb | Gb | . | A | . | . | . | . | . | . | . | C |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| b5 | Gb | A | . | C | . | . | . | . | . | . | . | Eb |
| 5 | | | | | | | | | | | | |
| b6 | | | | | | | | | | | | |
| 6 | A | C | . | Eb | . | . | . | . | . | . | . | Gb |
| b7 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |

A good way to use this arp melodically is to play it in this type of sequence: (6,R-b3,b5-6,R-b3,b5) etc. or in triplet sequence: (R,b3,b5-b3,b5,6) etc. for modulation.

Intervallic Analysis

| | |
|------------------------|---------|
| Interval: | Number: |
| Minor 2nd - Major 7th: | 0 |
| Major 2nd - Minor 7th: | 0 |
| Minor 3rd - Major 6th: | 8 |
| Major 3rd - Minor 6th: | 0 |
| Perf. 4th - Perf. 5th: | 0 |
| Aug. 4th - Dim. 5th: | 8 |

Chordal Analysis

| | |
|---------|-----------------|
| Degree: | Triad (ext.): |
| I | C Minor b5 (6) |
| bII | none |
| II | none |
| bIII | Eb Minor b5 (6) |
| III | none |
| IV | none |
| bV | Gb Minor b5 (6) |
| V | none |
| bVI | none |
| VI | A Minor b5 (6) |
| bVII | none |
| VII | none |

| | | | | | | | | | | | | |
|----|----|---|----|----|----|----|----|---|---|----|---|---|
| -> | 1 | 4 | b7 | b3 | b6 | b2 | b5 | 7 | 3 | 6 | 2 | 5 |
| 1 | C | . | . | Eb | . | . | Gb | . | . | A | . | . |
| b2 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| b3 | Eb | . | . | Gb | . | . | A | . | . | C | . | . |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| b5 | Gb | . | . | A | . | . | C | . | . | Eb | . | . |
| 5 | | | | | | | | | | | | |
| b6 | | | | | | | | | | | | |
| 6 | A | . | . | C | . | . | Eb | . | . | Gb | . | . |
| b7 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |