Open Music Theory: Jazz Harmony and Analysis

Author/Source: Mark Gotham, Kyle Gullings et al.

Chapter 6: Jazz Harmony (Open Music Theory v2)
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1. Jazz Chord Symbols and Quality Shorthand:
Jazz lead-sheet symbols specify root and essential chord quality.
Major 7th: Cmaj7, Cma7, CΔ (1, 3, 5, 7)
Dominant 7th: C7 (1, 3, 5, b7)
Minor 7th: Cm7, C-7, Cmin7 (1, b3, 5, b7)
Half-Diminished: Cø7, Cm7b5 (1, b3, b5, b7)
Fully Diminished: C°7, Cdim7 (1, b3, b5, bb7)

2. Upper Structure Tensions and Alterations:
Tensions 9, 11, 13 add color without changing functional identity.
Altered dominants feature b9, #9, #11, b13 derived from the Altered Scale.

3. Tritone Substitution:
Any dominant 7th chord can be replaced by another dominant 7th a tritone away.
G7 (G-B-D-F) and Db7 (Db-F-Ab-B) share the crucial guide-tone tritone F-B.