# MUSI 1700

## Lecture 21
## Nov 27 2023

# Ch. 12: Harmonic Functions

notes in common = same function



Note: harm. funcs are same in major and minor keys

C maj:

| I | ii$^7$ | iii | IV | V$^7$ | VI | vii° |
|---|---|---|---|---|---|---|
| T | S | T | S | D | T | D |
|   |   | or |   |   | or |   |
|   |   | D |   |   | S |   |

only looking at highlighted chords on final

T: I                                          establishes key / resolution

S: IV, ii$^{(7)}$    = Pre-dominant        sets up dominant

D: V$^7$, vii°        = Dominant           sets up tonic

$$V^4_2 \rightarrow I^6$$
$$V^6_5 \rightarrow I$$
} always!!

### 12.2  Joseph Haydn, Sonata in C, Hob. XVI:35, i



C:

| V$^6_5$ | I | V$^4_2$ | I$^6$ | ii$^6$ | V | I |
|---|---|---|---|---|---|---|
| Dominant | Tonic |  |  |  |  |  |
|  |  | D | T | S | D | T |

V$^6_5$ and V$^4_2$ are **Dominant** harmonies that lead to **Tonic** (I or I$^6$) with stepwise motion in the bass.

V$^6_5$ leads to I, as the leading tone in the bass resolves up.

V$^4_2$ leads to I$^6$, as the chordal seventh in the bass resolves down.



C: V$^6_5$    I         V$^4_2$    I$^6$



C: V$^6_5$    I$^6$ (?!)    V$^4_2$    I (?!)

❌ **Poor** V$^6_5$ may not move to I$^6$.

❌ **Poor** V$^4_2$ may not move to I.

**Q1.**

**Alto Clef**

(staff with notes: C4 middle C, B3, C5, C3)

f. "What does 4th species counterpoint demonstrate?" → suspensions

g. "What's a parallel 5th and why do we care"

3.

(grand staff, treble with two flats, bass with two flats)

G min : FB: $^6_5$

RN ·  ___

4.

cadence : HC

(grand staff, treble with three flats, bass with three flats)

5. Don't use V or V$^7$. Reference Ch. 11 or 12.

9.  T          D

$\begin{matrix} D \\ B \\ G \end{matrix}$ : I        $\begin{matrix} C \\ A \\ F\# \end{matrix}$ : vii°

___  ___  ___

$\begin{matrix} S \\ C \\ E \\ C \end{matrix}$ : IV or ii$^6$

___  ___  ___

Fill in A and T, and write final chord



C min:   i   $V^4_2$        $I^6$
         T   D              T

i. $\begin{matrix} G \\ Eb \\ C \end{matrix}$ x 2      $V^4_2$. $\begin{matrix} D \\ B \\ G \\ F \end{matrix}$      $i^6$: $\begin{matrix} C \times 2 \\ G \\ Eb \end{matrix}$

Solution 1:  ✓ (good, uses common tones)



LT

i   $V^4_2$   $i^6$
T   D        T

Solution 2:  ✓ (good, uses common tones)



i   $V^4_2$   $i^6$
T   D        T

Solution 3.  ✓ (ok, not the best. no common tones)



i   $V^4_2$
T   D        T

root pos $V^7$ chords:

inc $V^7 \rightarrow$ com. I

com $V^7 \rightarrow$ inc. I

inverted $V^7$:
doesn't apply.

Ear training test NEXT WEDNESDAY!!! please come to class :)