

## 6.14 Surviving Serialism 2: Transposition Secrets

The secret to surviving serialism is to convert the row into a list of half step numbers *above* the first note:

1. STEP ONE: Raise the octave of the notes as needed so they are all *above* the first note.
2. STEP TWO: Label the first note as ZERO. Write the number of half steps each note is *above* the FIRST note.

**IMPORTANT: GO UP THE CHROMATIC SCALE** like this:

Continuing up the chromatic scale, D $\sharp$  is 4, E $\flat$  is 5, E $\sharp$  is 6, F $\flat$  is 7, F $\sharp$  is 8, G $\flat$  is 9, A $\flat$  is 10, and A $\sharp$  is 11.

The final result is:

Notice that you should have *one* of each number from 0 to 11.

### Transposition

To transpose, start on a different pitch class and go up the chromatic scale using the *interval pattern of the original*.

EX: P $_4$  P $_4$  is 4 half steps above the original row; here B $\flat$  (from the prime row given above) + 4 half steps = D $\sharp$

Continuing up the chromatic scale, 3 is F, 4 is F $\sharp$ , 5 is G, 6 is A $\flat$ , 7 is A $\sharp$ , 8 is B $\flat$ , 9 is B $\sharp$ , 10 is C $\flat$ , and 11 is C $\sharp$ .

The final result is: