

Music 102—Notation of Chromatic Scale Degrees

E: $\hat{1}$ $\hat{2}$ $\hat{3}$ $\hat{4}$ $\hat{5}$ $\hat{6}$ $\hat{7}$ $\hat{8}$

The scale degrees in minor that are lowered with respect to the parallel major are named with a flat sign in front of the number, regardless of the actual accidentals involved. In this notation, the flat sign simply means “lowered by half-step.”

E: $\hat{1}$ $\hat{2}$ $\flat\hat{3}$ $\hat{4}$ $\hat{5}$ $\flat\hat{6}$ $\flat\hat{7}$ $\hat{8}$

In fact, *all* altered scale degrees are named with respect to the *major* key represented by $\hat{1}$. (Scale degree names are not derived from the minor scale.) Here are some chromatically altered scale degrees in the key of E:

E: $\sharp\hat{1}$ $\flat\hat{2}$ $\sharp\hat{2}$ $\flat\hat{3}$ $\sharp\hat{4}$ $\flat\hat{5}$ $\sharp\hat{5}$ $\flat\hat{6}$ $\sharp\hat{6}$ $\flat\hat{7}$

Extra Credit Assignment:

This should look exactly like the last part of Assignment #1, only using chromatic scale degrees. Given a scale degree and a key, identify the chromatic pitch:

$\sharp\hat{1}$ in C is ____ $\flat\hat{2}$ in A is ____ $\sharp\hat{4}$ in F is ____ $\flat\hat{7}$ in B is ____
 $\sharp\hat{5}$ of $A\flat$ is ____ $\flat\hat{6}$ of $D\flat$ is ____ $\flat\hat{3}$ of D is ____ $\sharp\hat{2}$ of $F\sharp$ is ____
 $\flat\hat{5}$ of $E\flat$ is ____ $\sharp\hat{6}$ of $B\flat$ is ____ $\flat\hat{2}$ of $C\flat$ is ____ $\flat\hat{6}$ of $C\sharp$ is ____

This second part resembles the third part of Assignment #3 with the added complication of chromatic scale degrees. Given a pitch and a chromatic scale degree, tell me what key they belong to. This one can be tricky, even for experienced theorists!

E is $\sharp\hat{4}$ of ____ $A\flat$ is $\flat\hat{3}$ of ____ F is $\flat\hat{2}$ of ____ D is $\sharp\hat{2}$ of ____
 $B\flat$ is $\flat\hat{7}$ of ____ $C\sharp$ is $\flat\hat{7}$ of ____ A is $\sharp\hat{1}$ of ____ C is $\flat\hat{5}$ of ____
G is $\flat\hat{6}$ of ____ B is $\flat\hat{3}$ of ____ F is $\sharp\hat{4}$ of ____ $C\times$ is $\hat{3}$ of ____