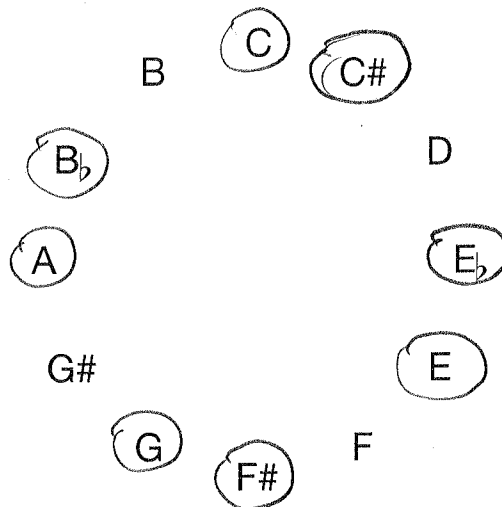
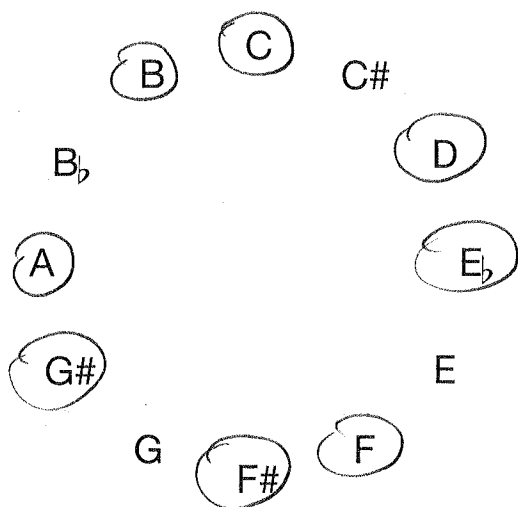


Bartók, "Diminished Fifth" Analysis

Name: SHAFER

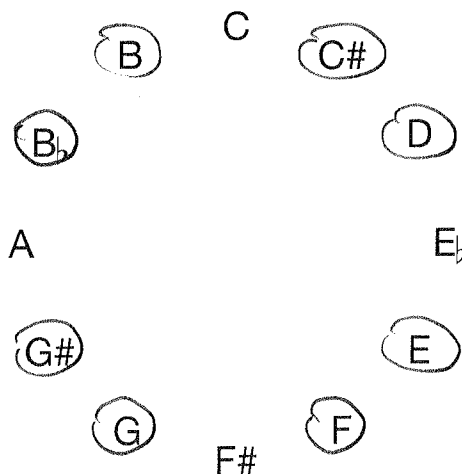
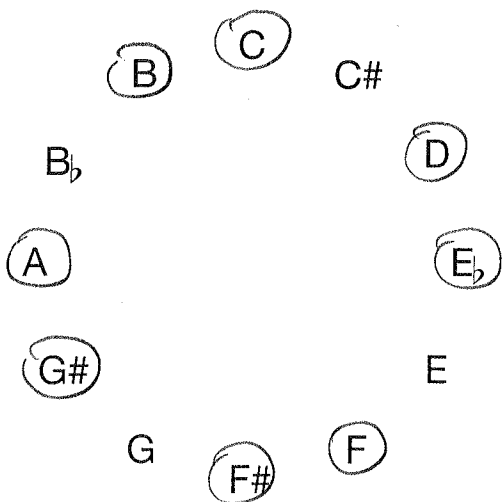
Notate the pitch-class collections in mm. 1-4 and mm. 12-18 on the following clock faces.



What transposition operation(s) can transform the mm. 1-4 collection into the mm. 12-18 collection? (In other words, by how many half-steps do you transpose the former to get the latter.) Notate your answer(s) as T_x , where x = number of half-steps.

T_1, T_4, T_7, T_{10}

Notate the pitch-class collections in mm. 1-4 and mm. 26-29 (fourth system, first four bars) on the following clock faces.



What transposition operation(s) can transform the mm. 1-4 collection into the mm. 26-29 collection? (In other words, by how many half-steps do you transpose the former to get the latter.) Notate your answer(s) as T_x , where x = number of half-steps.

$T_2 \ T_5 \ T_8 \ T_{11}$

How many possible octatonic collections are there?

3

Draw all of them on clock faces below.

