The Integer Book

by

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Introduction

The latest version of the integer book can be downloaded from: https://jessevoostrum.github.io/music-visualisation/integer-book.pdf

the method

The songs in this book are represented using numbers. Each number refers to a location within the major scale. For example, if the song is in D major, the 3 would refer to the F#. The numbers in the melody refer to single tones. The numbers of the chords refer to the chord corresponding to the tone. Again, in D major, the 6- chord would be B-D-F#.

the name

A Real Book is a compilation of lead sheets for jazz standards. The name is derived from "fake books", so called because they contained only rough outlines of music pieces rather than fully notated scores. In mathematics the real numbers are a collection containing all numbers with a possibly infinite decimal expansion. A subset of these are the integer numbers, which can be written without the use of decimals. Since these are the only numbers we use to represent the music in this book, it is called The Integer Book.

the code

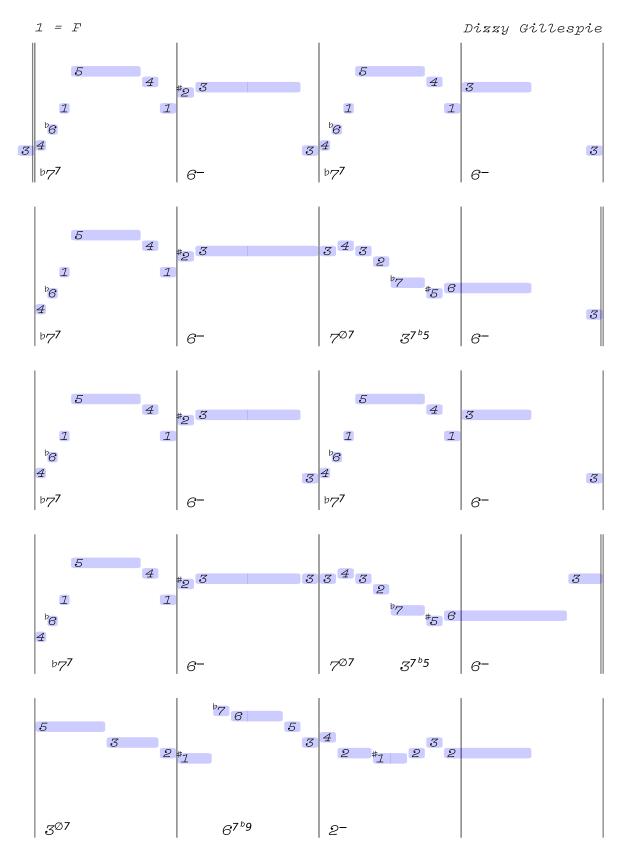
The code to produce these visualisations can be viewed on: https://github.com/jessevoostrum/music-visualisation. If you would like to contribute to the code or have questions, you can send me an email: jessevoostrum@gmail.com.

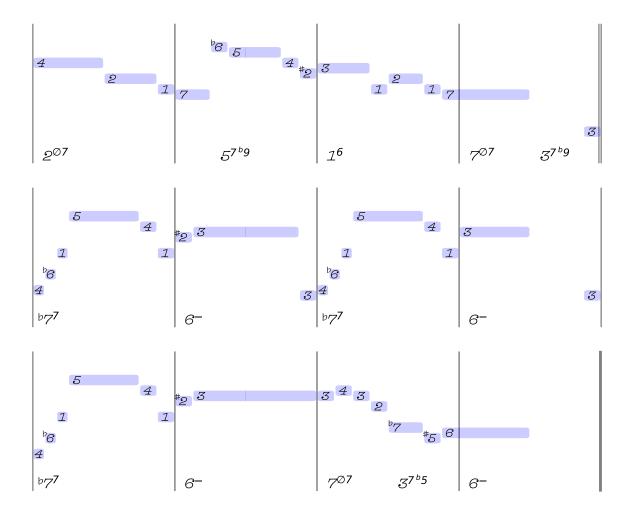
donate

If you feel that you are benefitting from these visualisations and would like to show your appreciation through a financial donation, this can be done via this link.

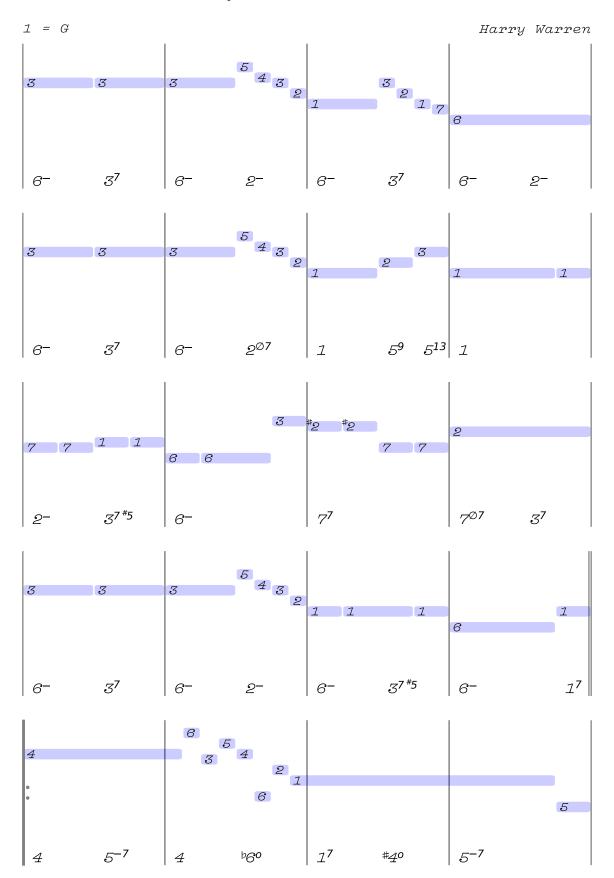
¹source: https://en.wikipedia.org/wiki/Real_Book

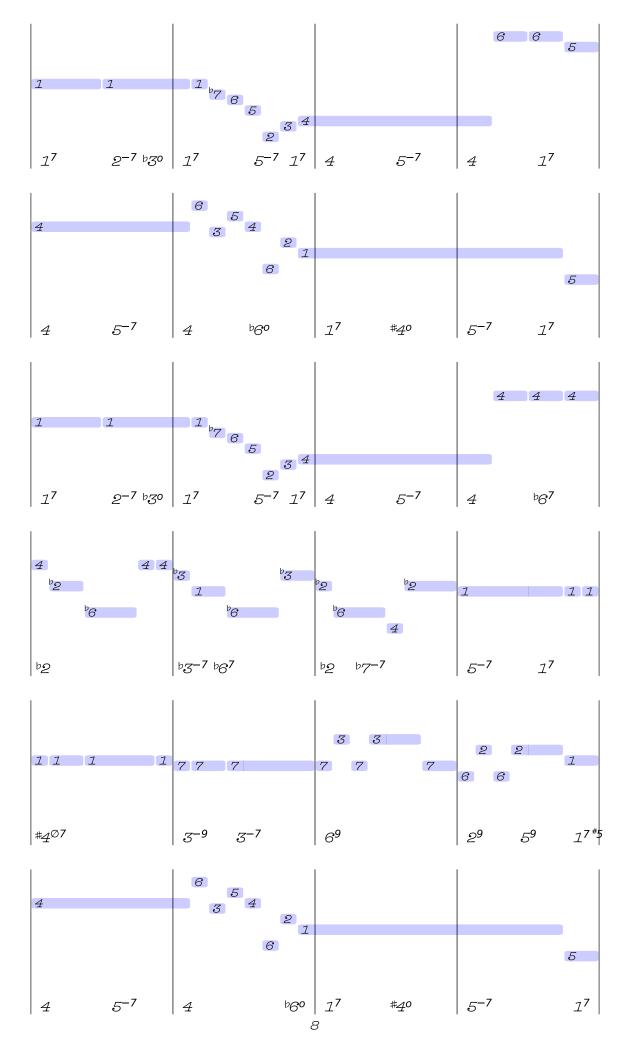
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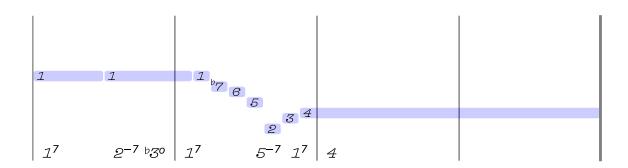




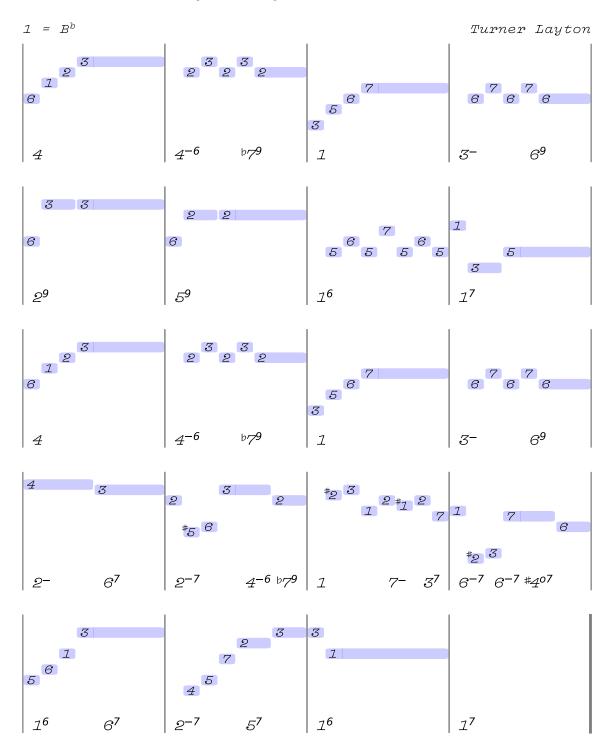
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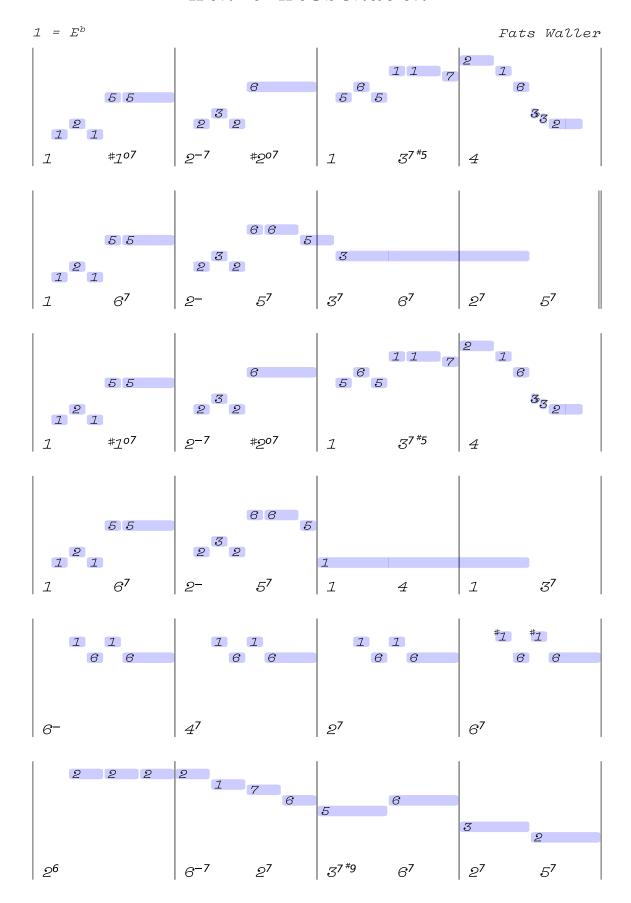


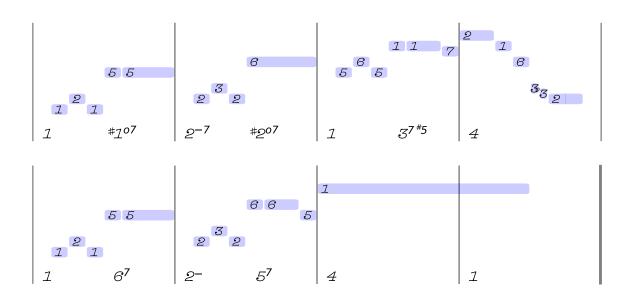


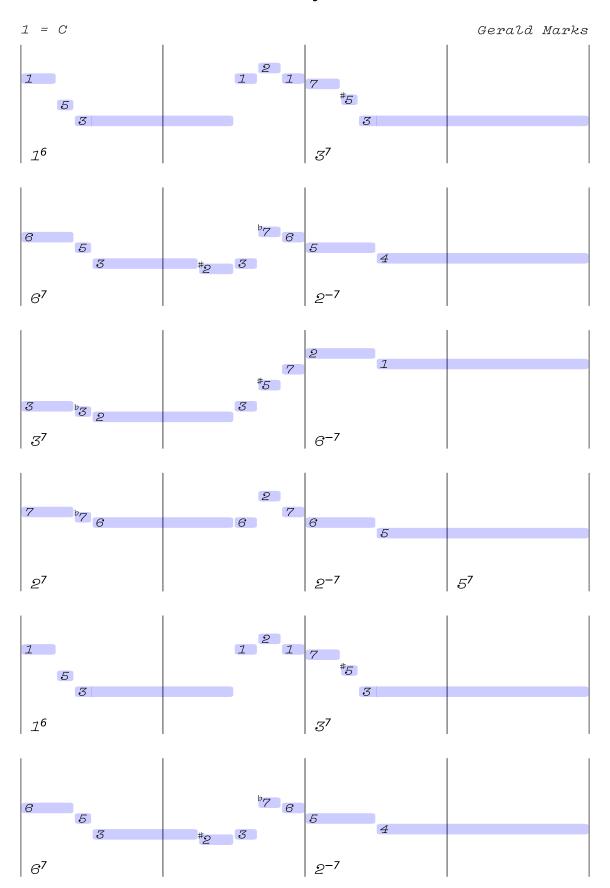
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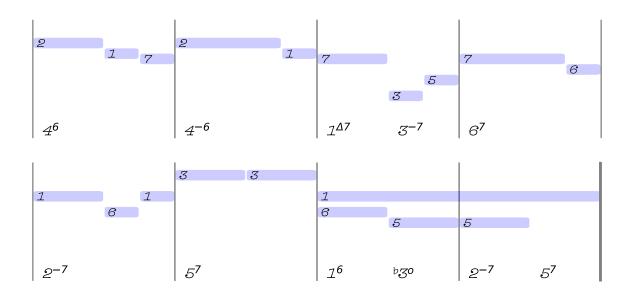


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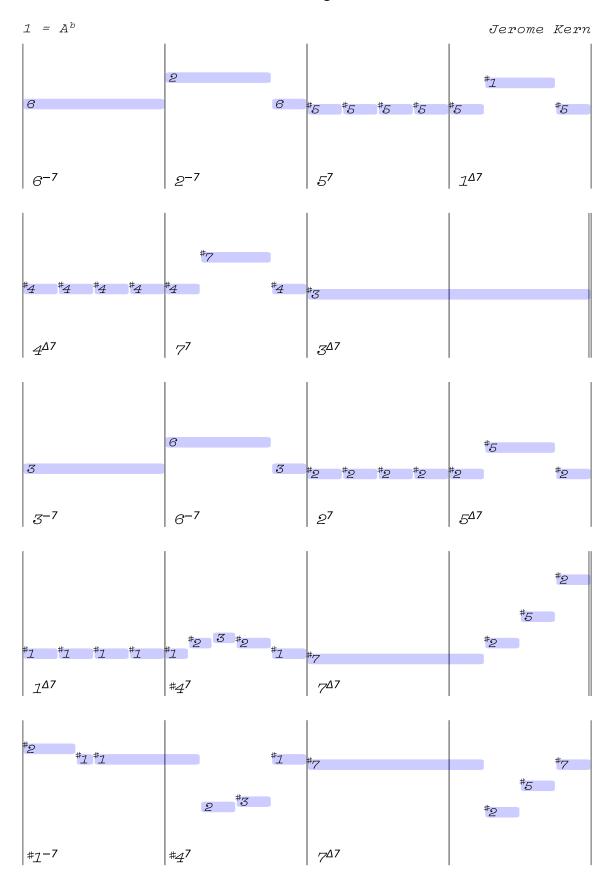


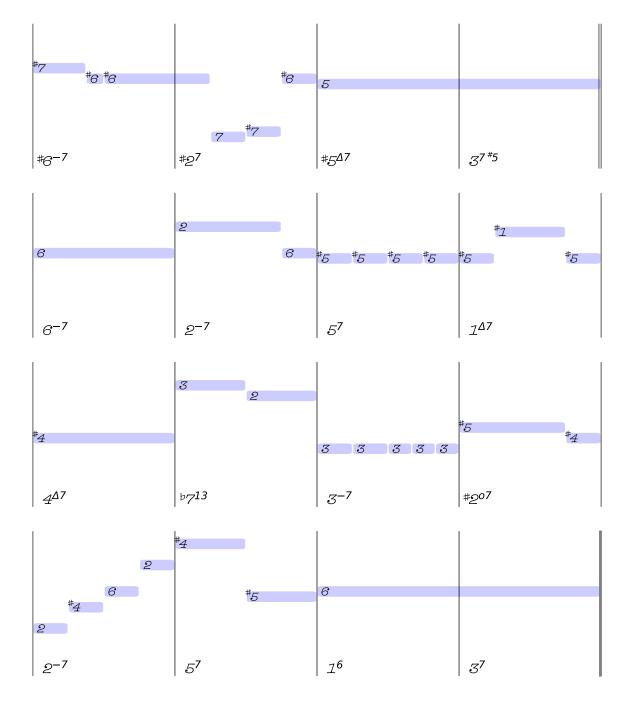




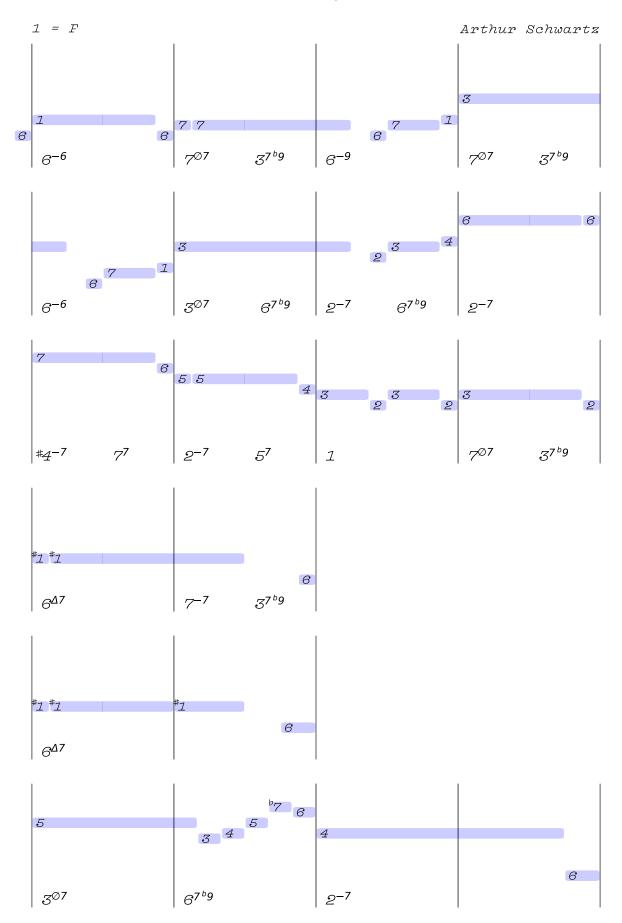


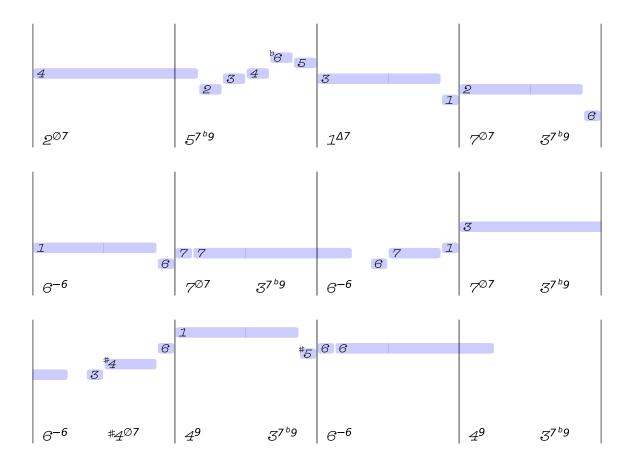
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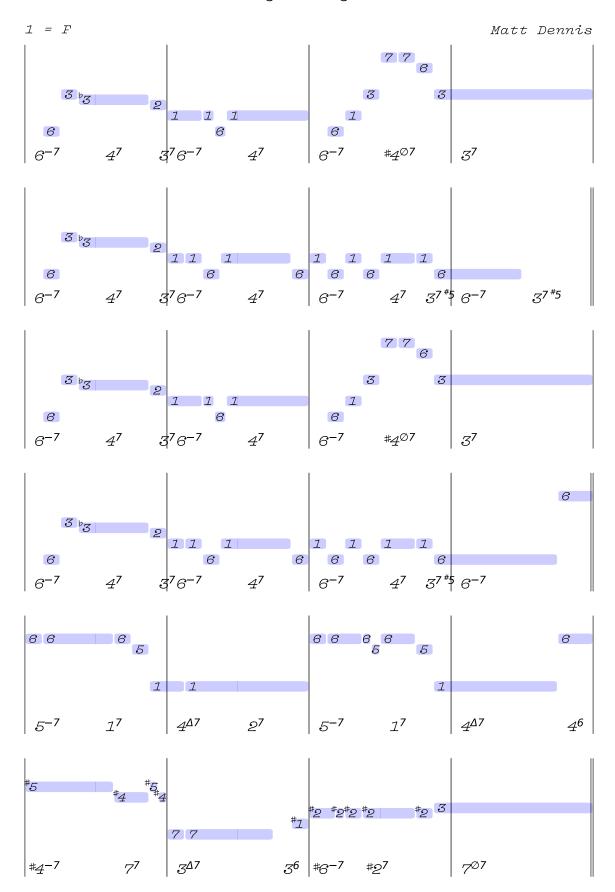


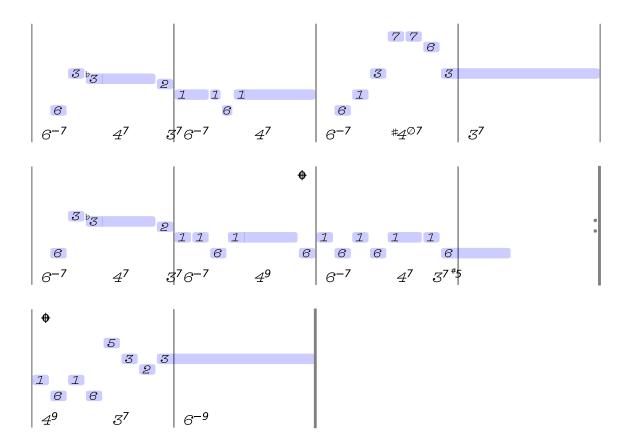
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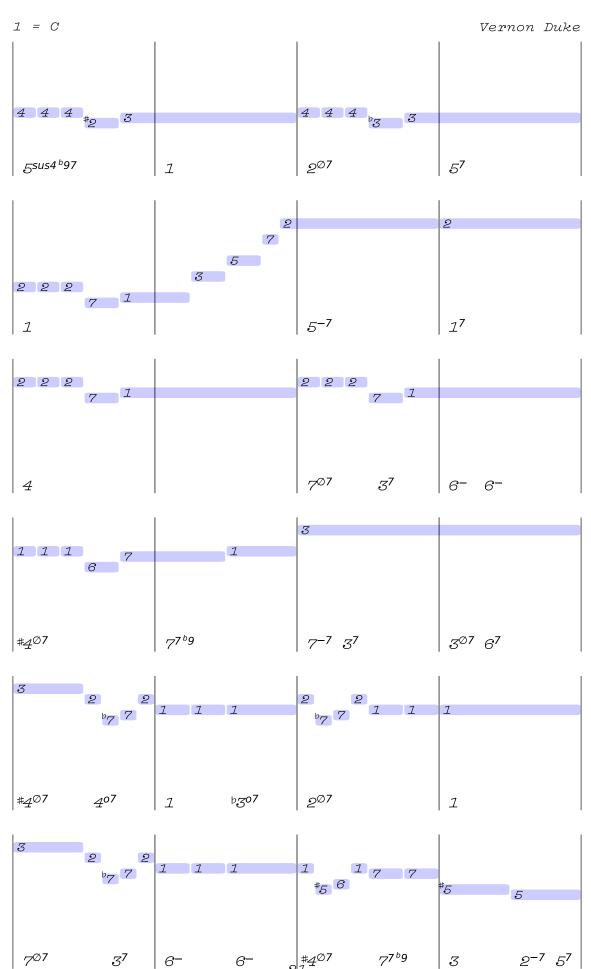




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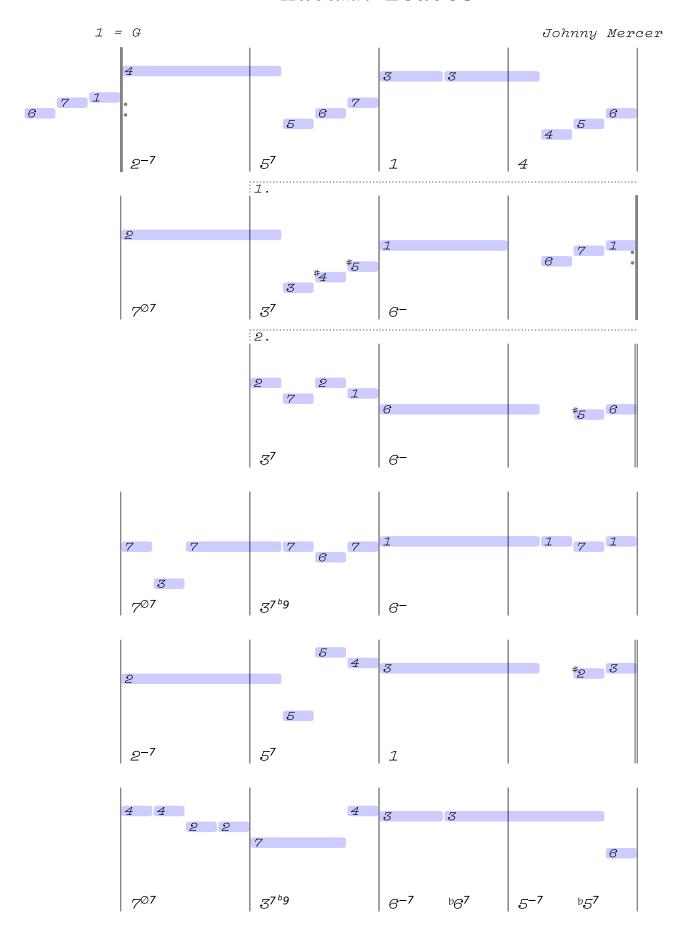


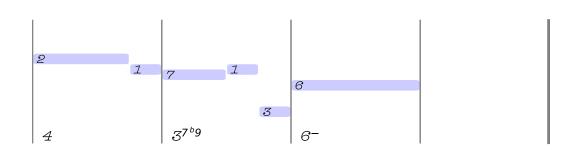




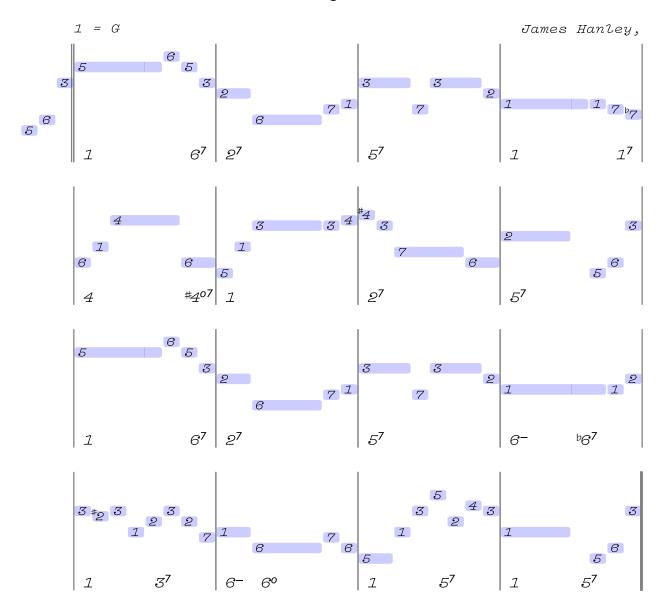
4 4 4 #2 3	3	⁶ 7 ⁶ 7 ⁶ 7 #5 6	
5sus4 b97	1	<i>3</i> ^{∅7}	6 ^{7 b} 5 #5 b9 #9
2 2 2	2		
7 1		[2	
2^7	2^{07} 5^{7}	1	

Autumn Leaves

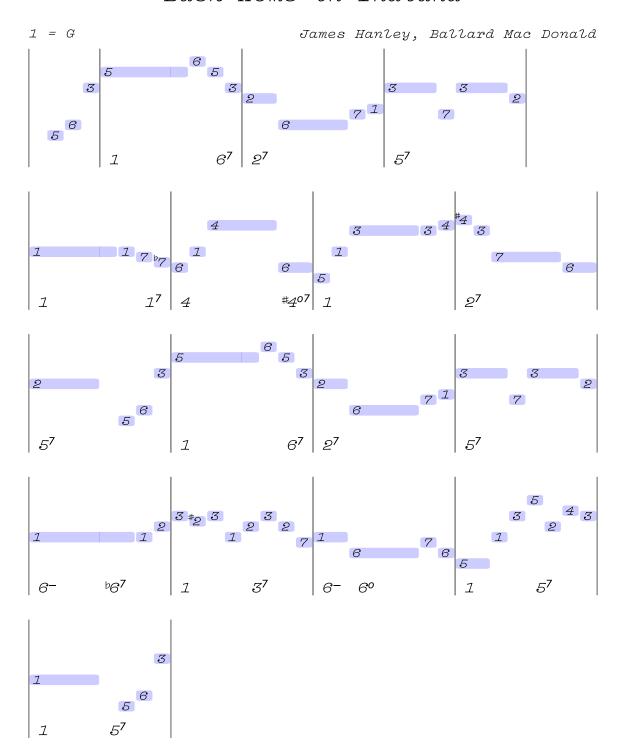


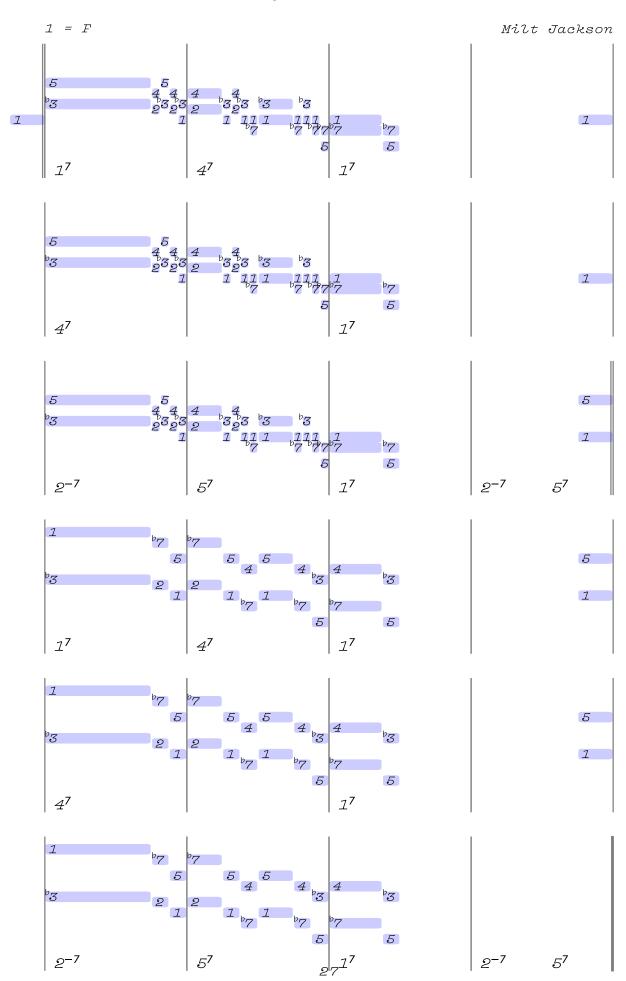


Back Home Again in Indiana

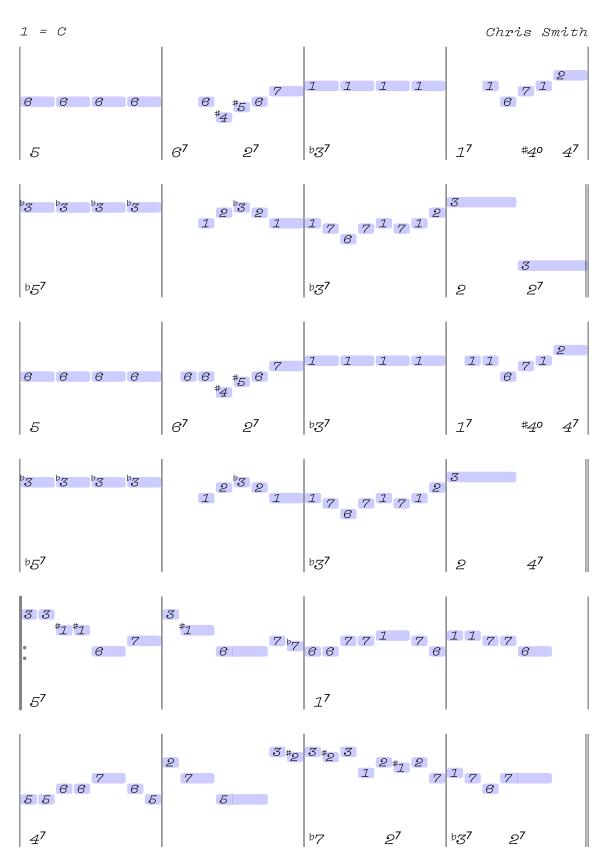


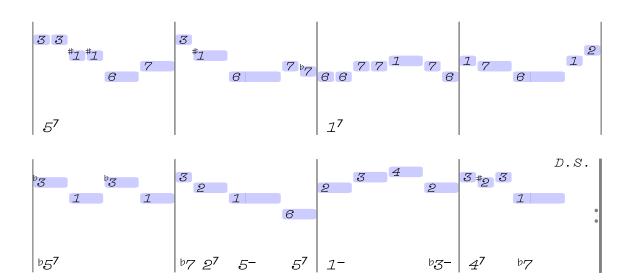
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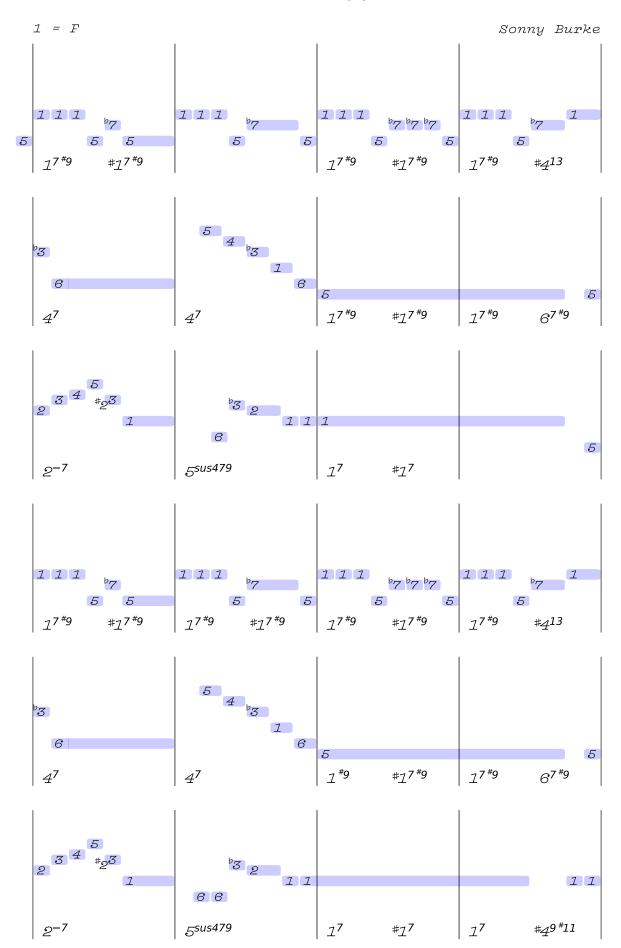


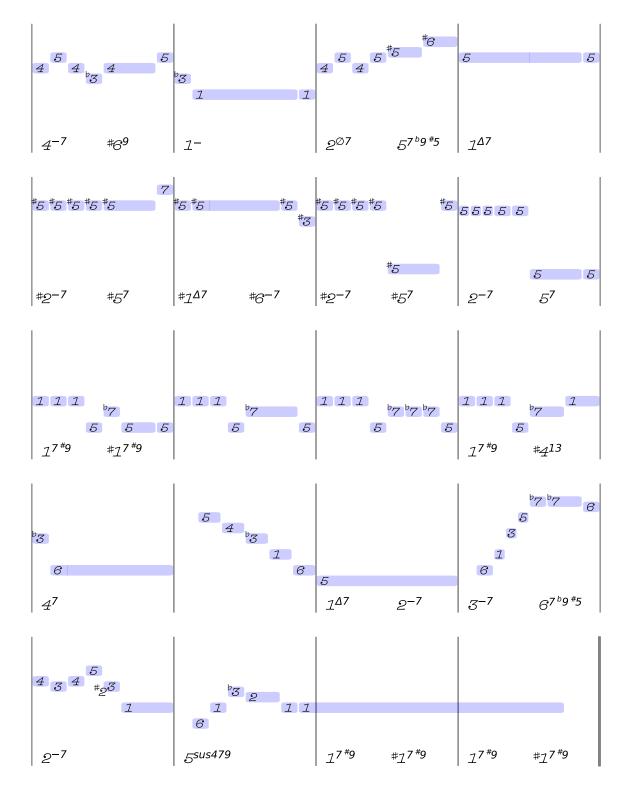
Ballin' The Jack



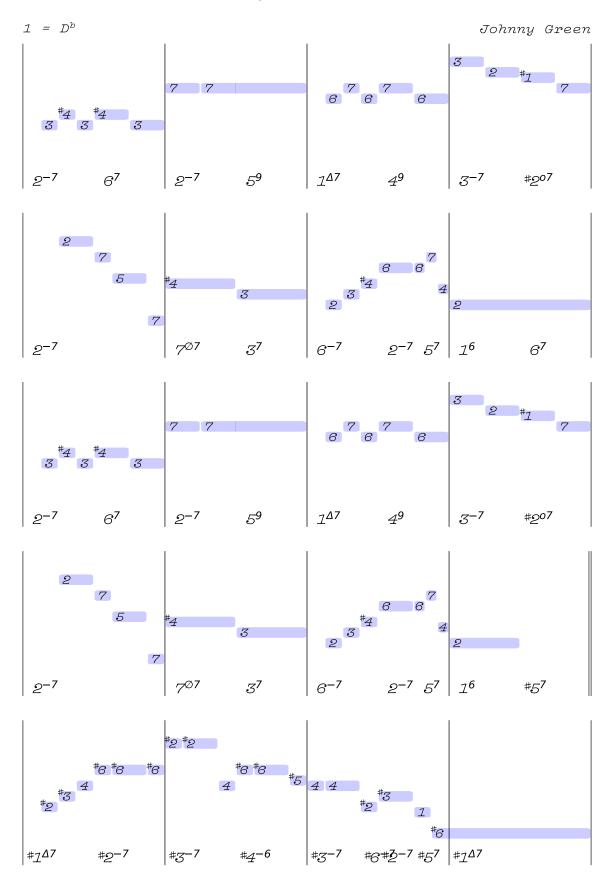


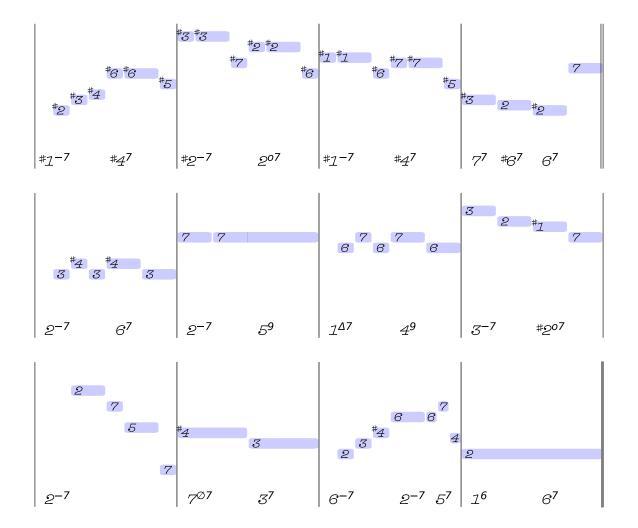
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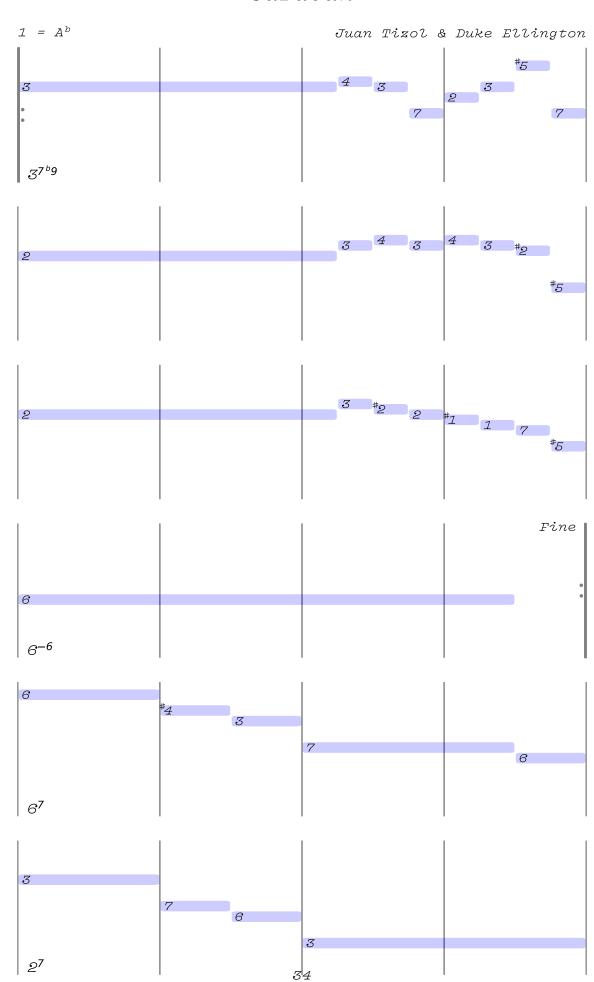


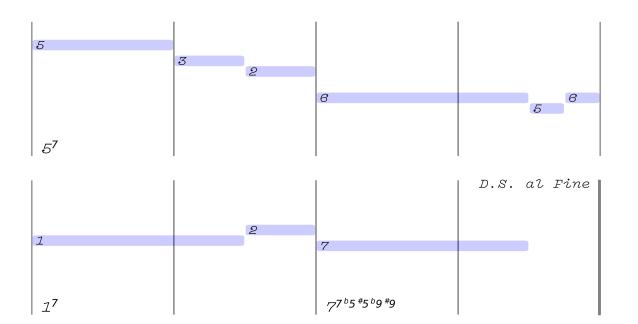


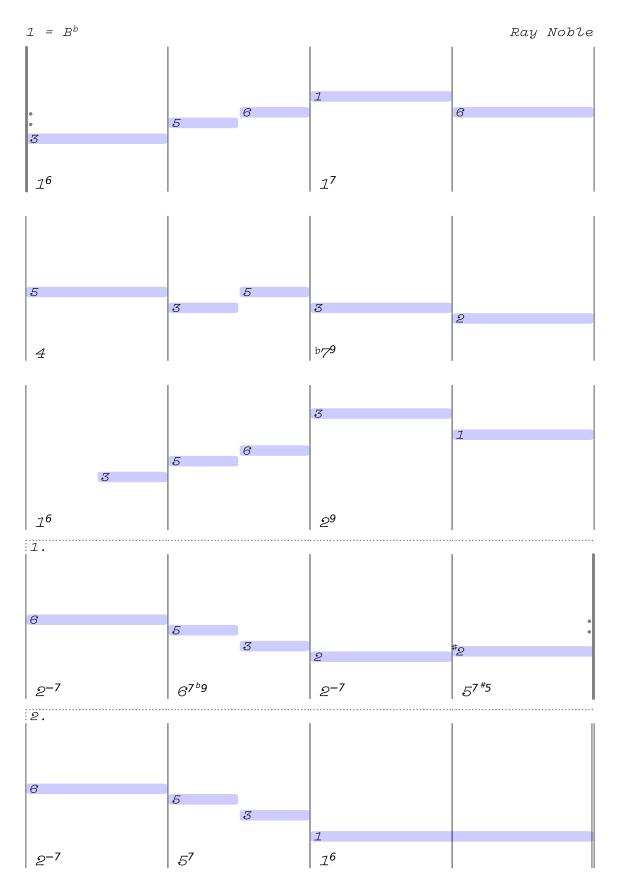
Body and Soul

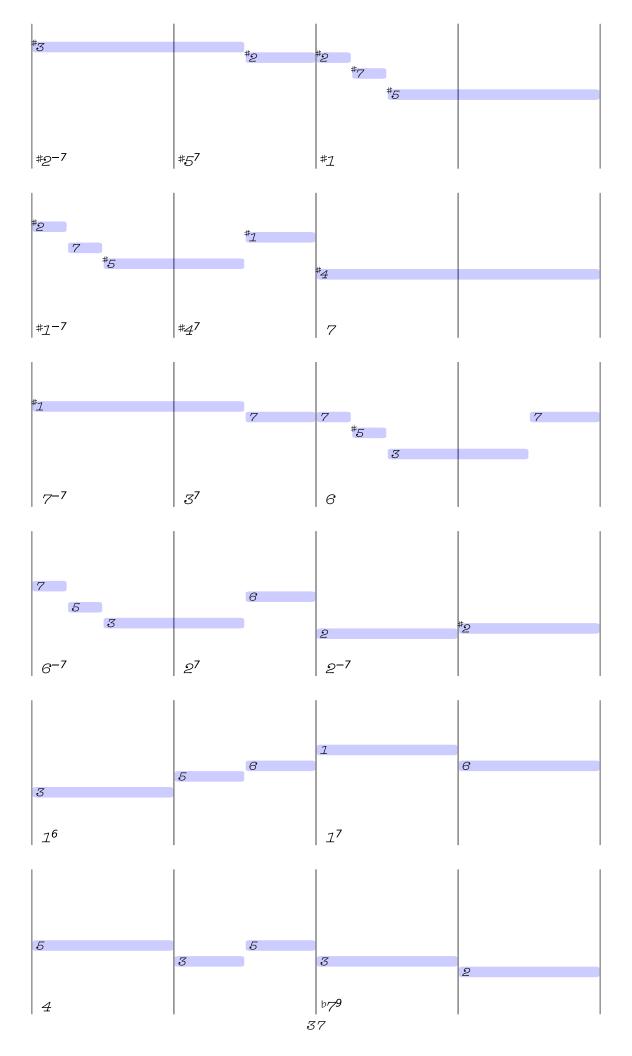


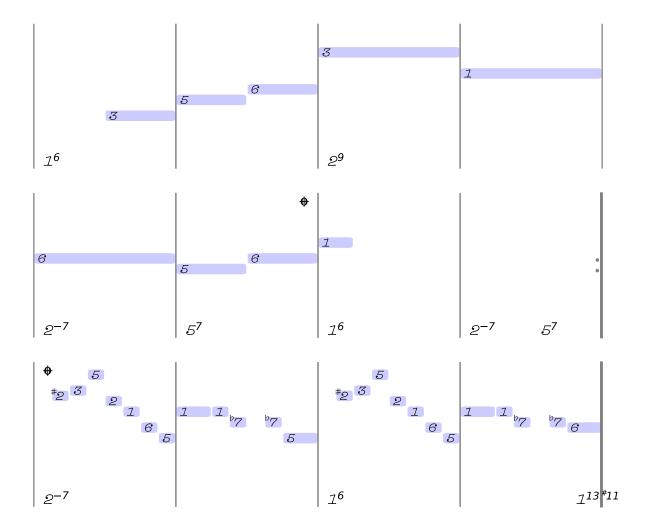




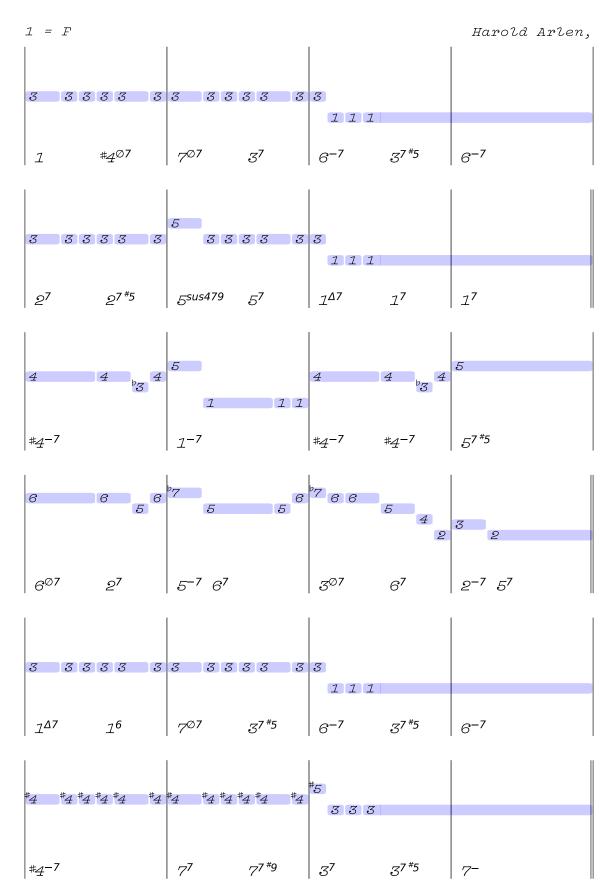


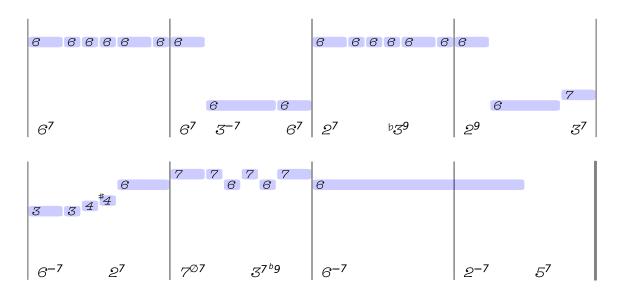




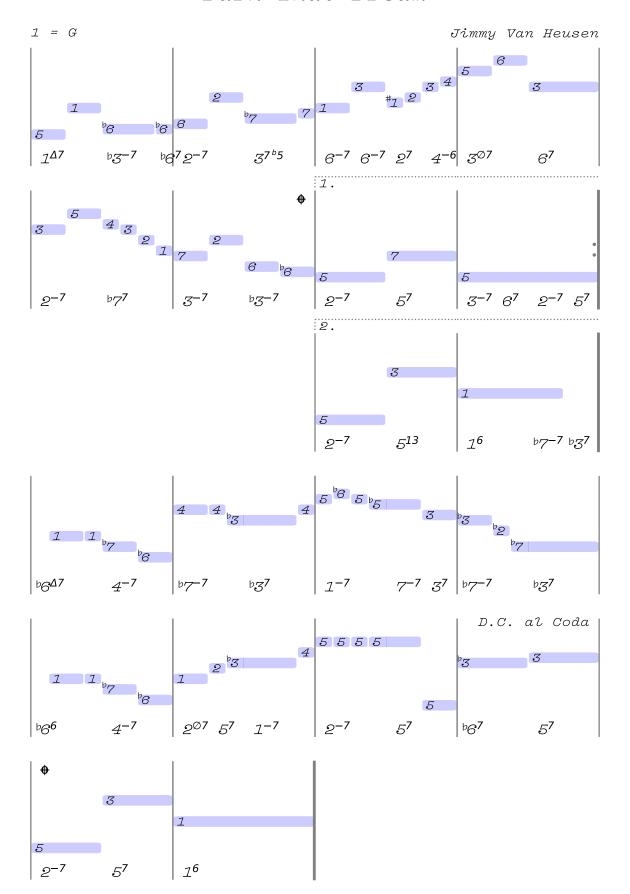


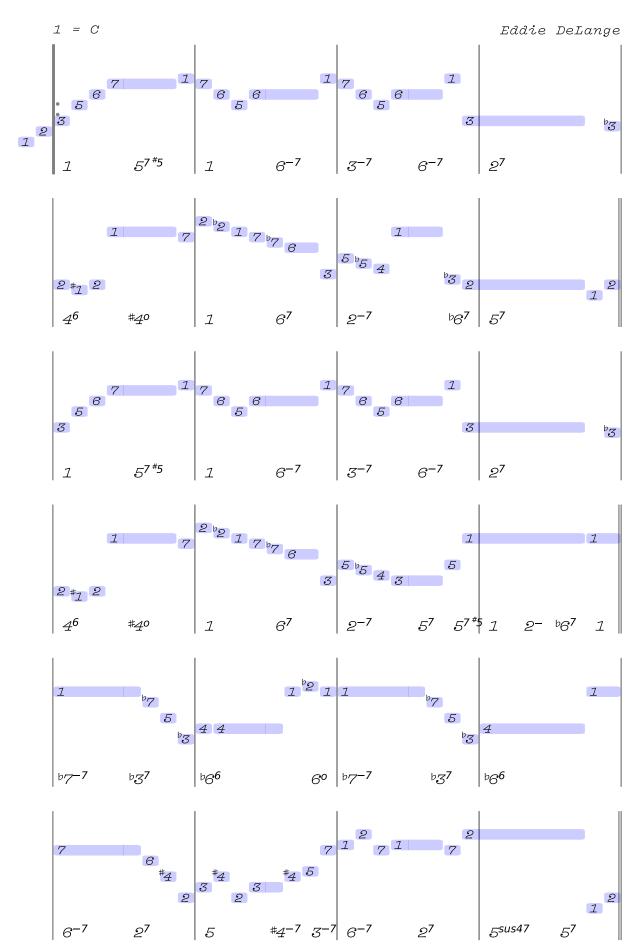
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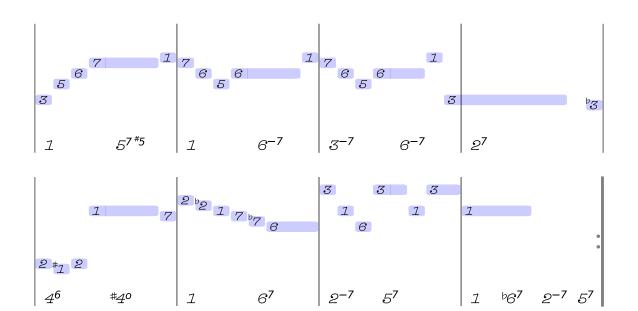




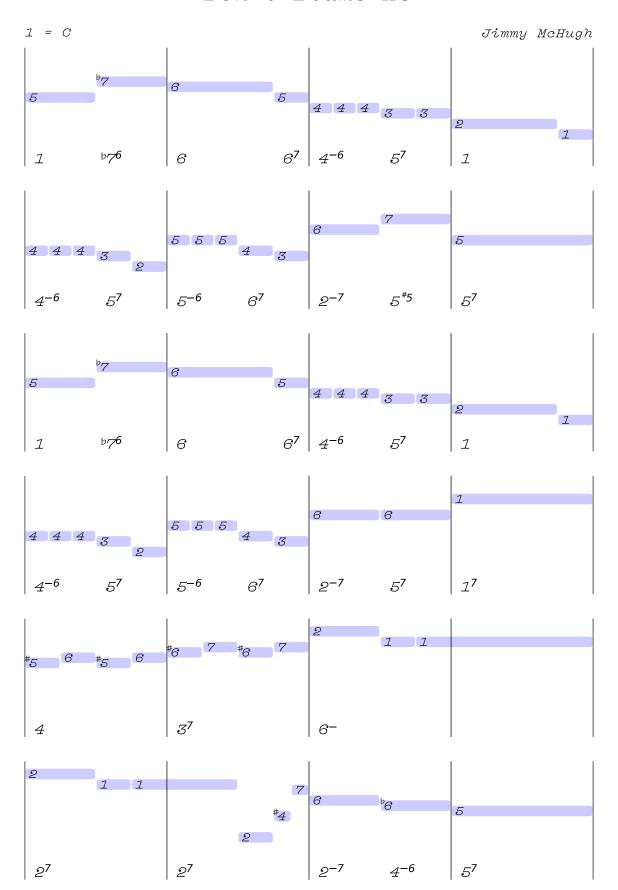
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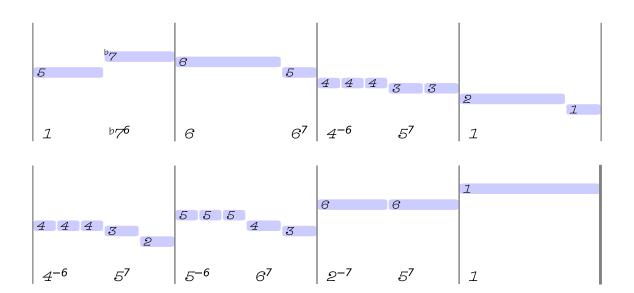


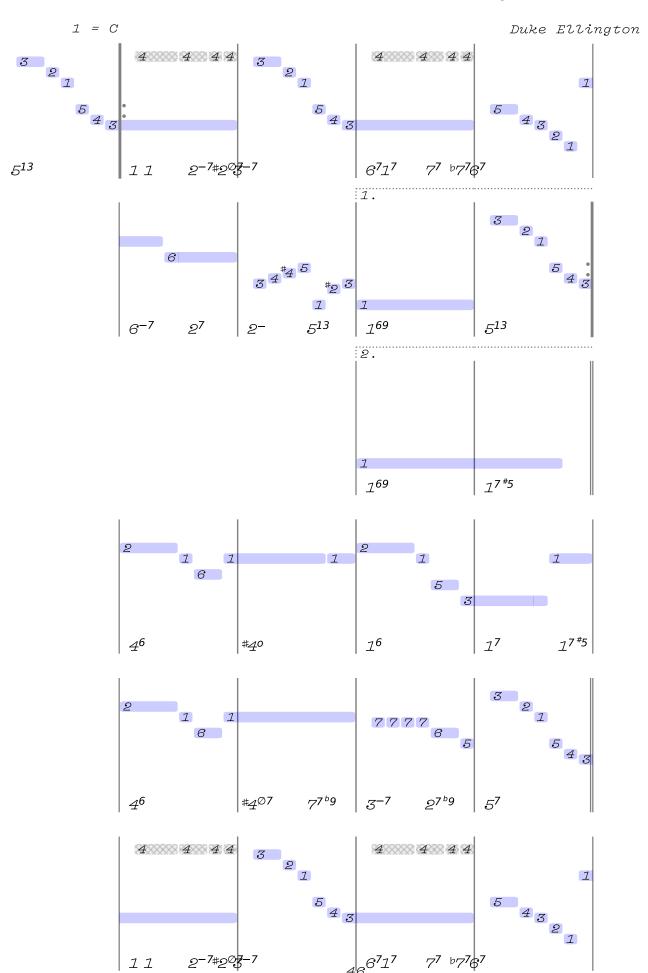


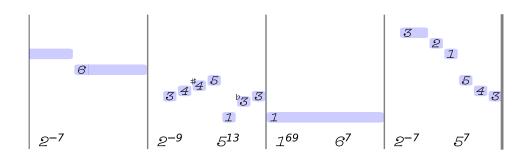


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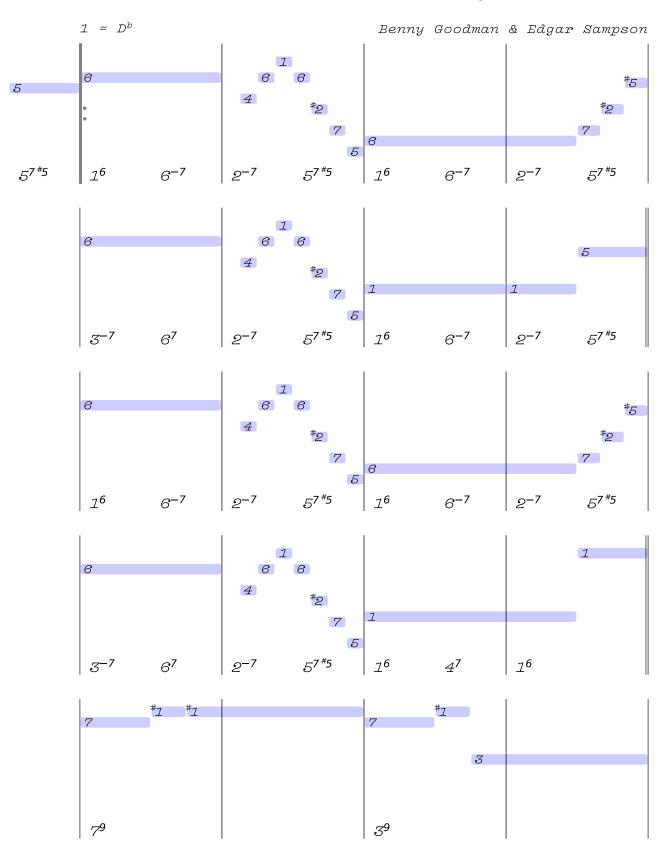


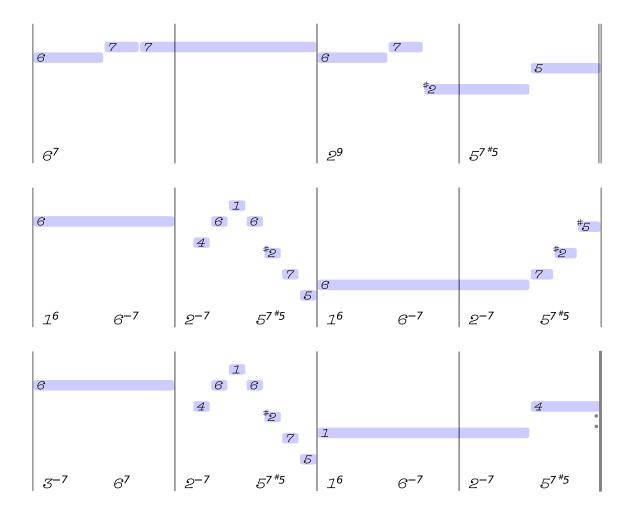


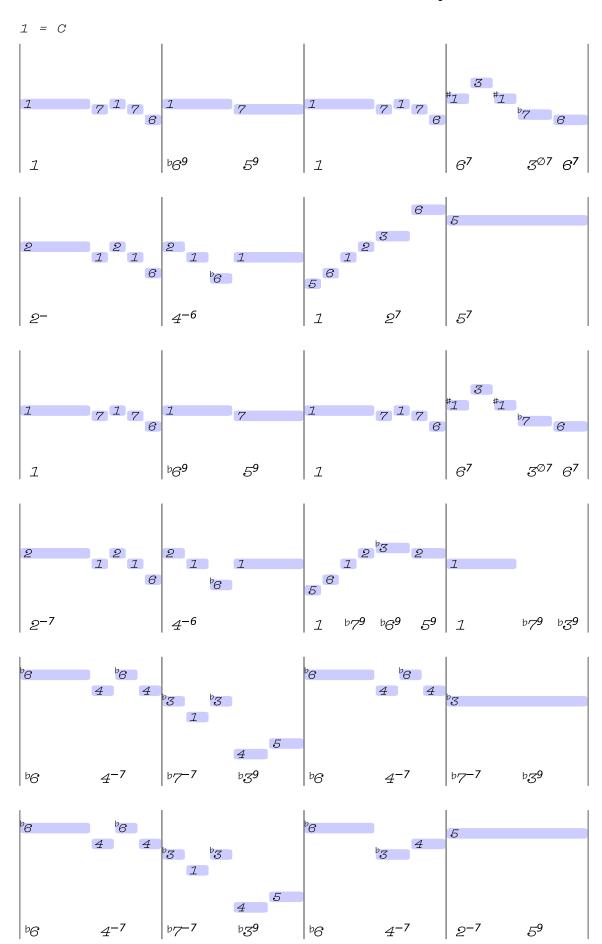


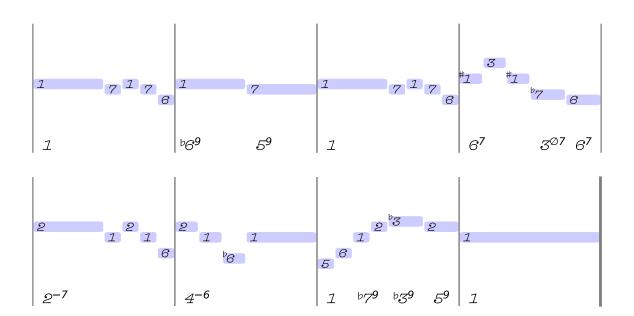


Don't be that way

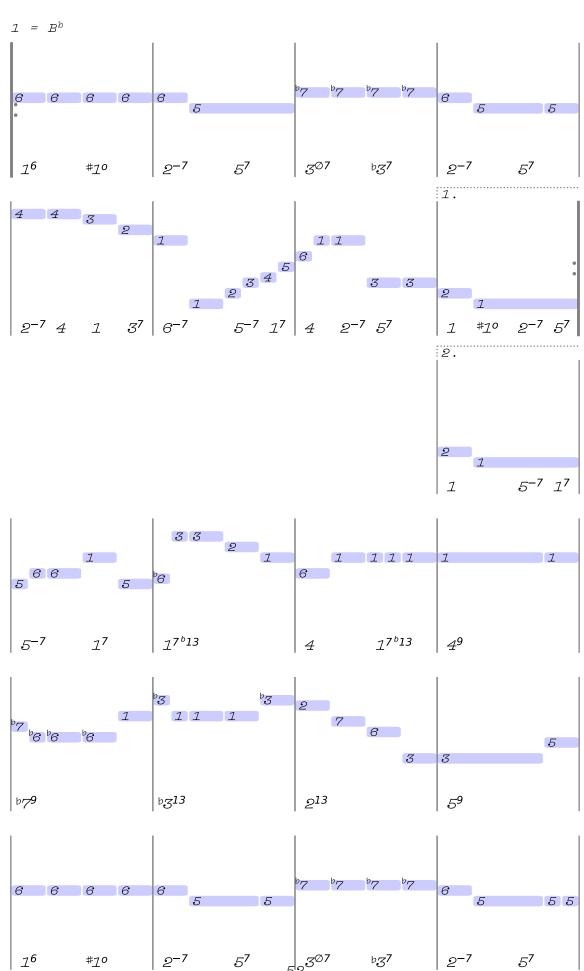


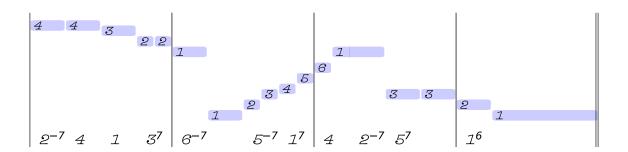




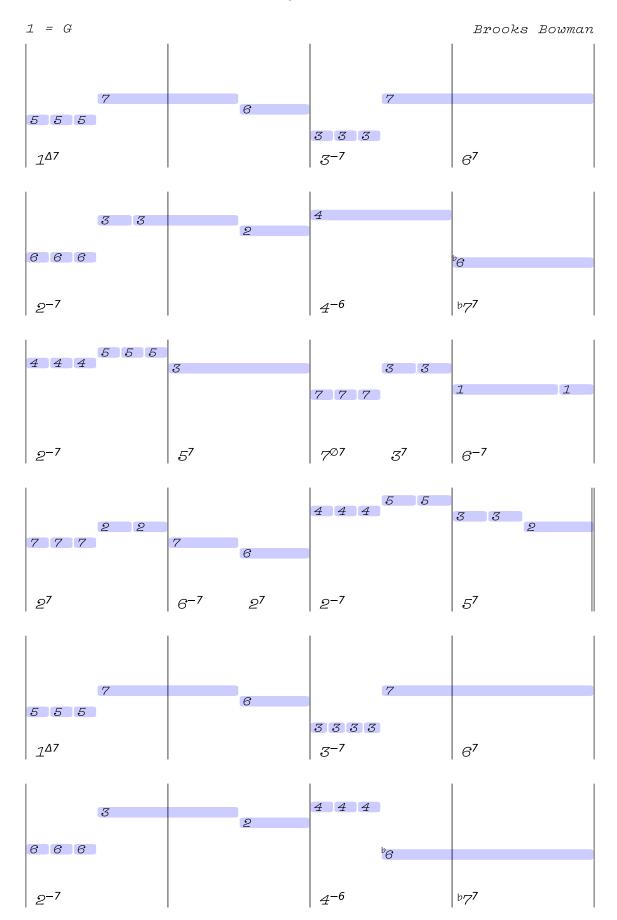


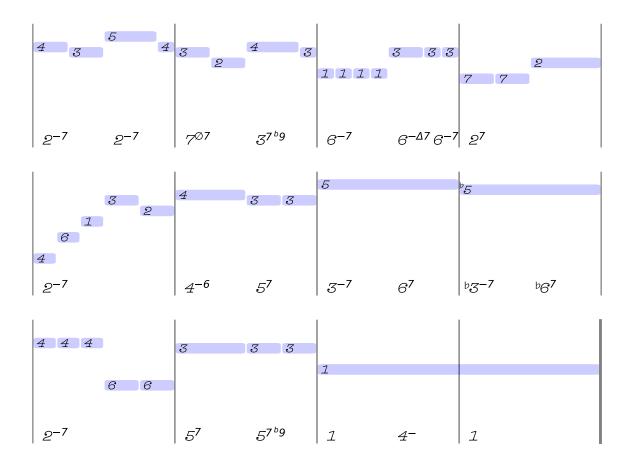
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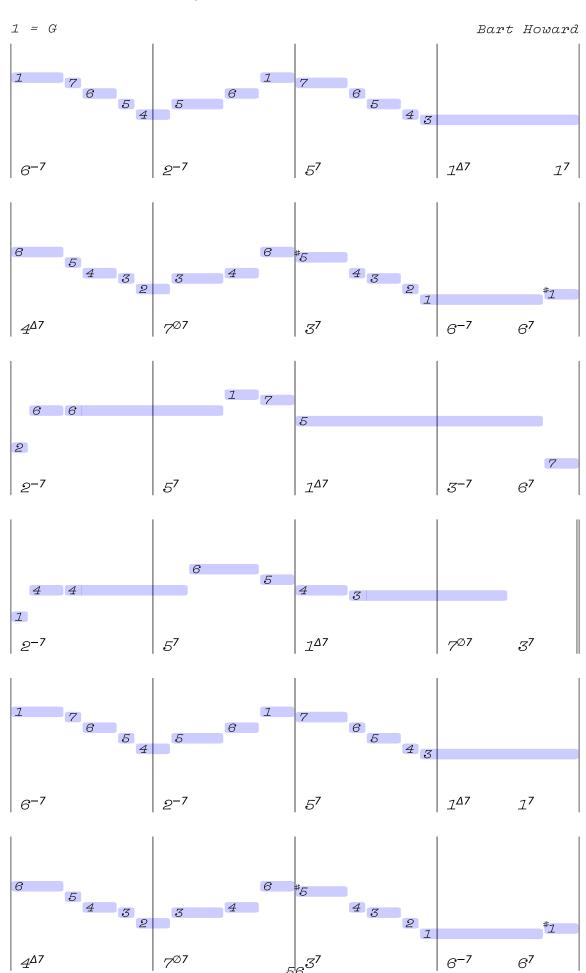


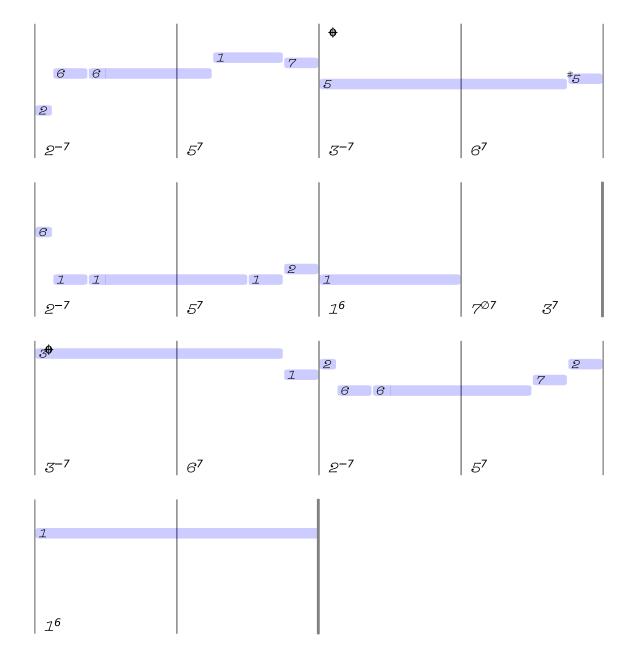


East Of The Sun

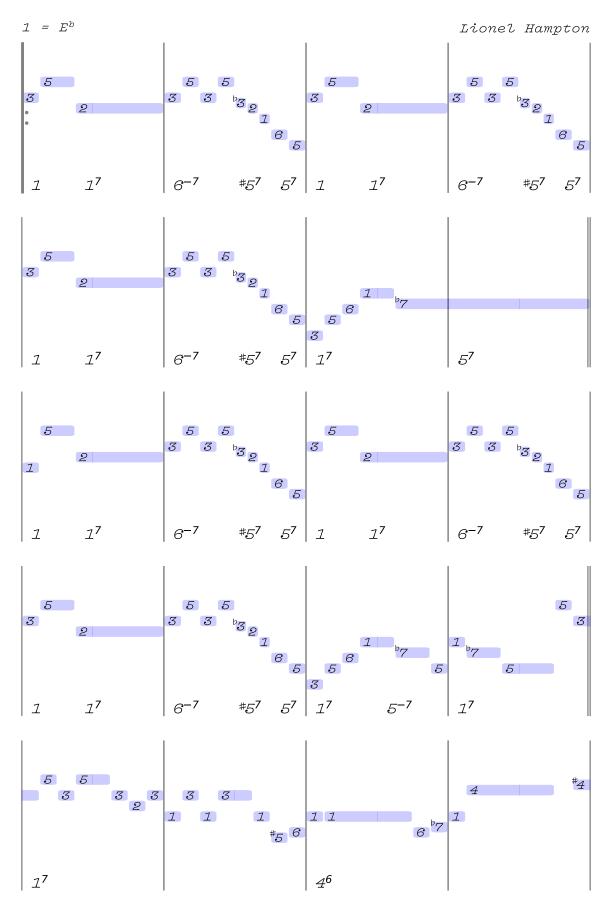


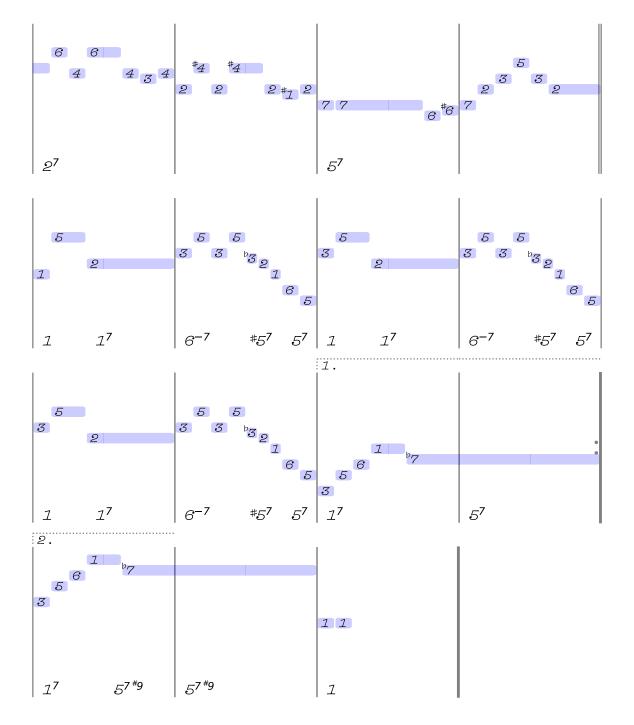




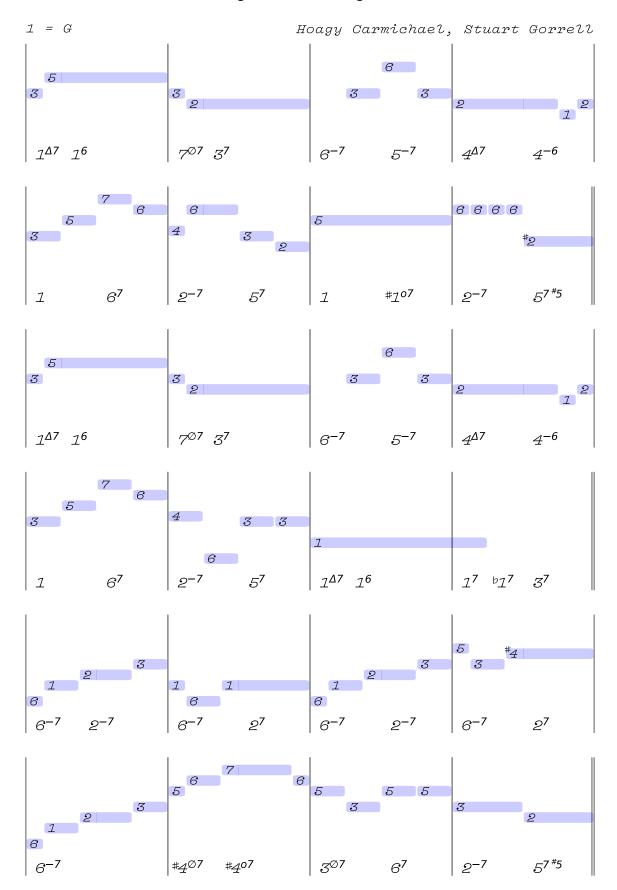


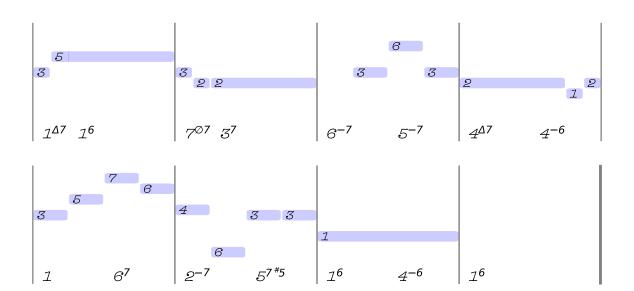
Flying Home



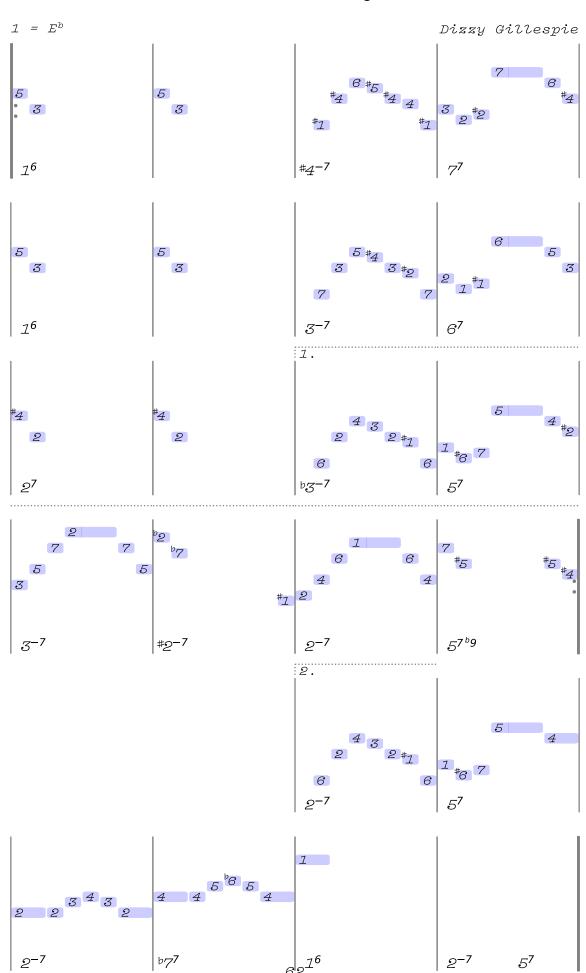


Georgia on my Mind

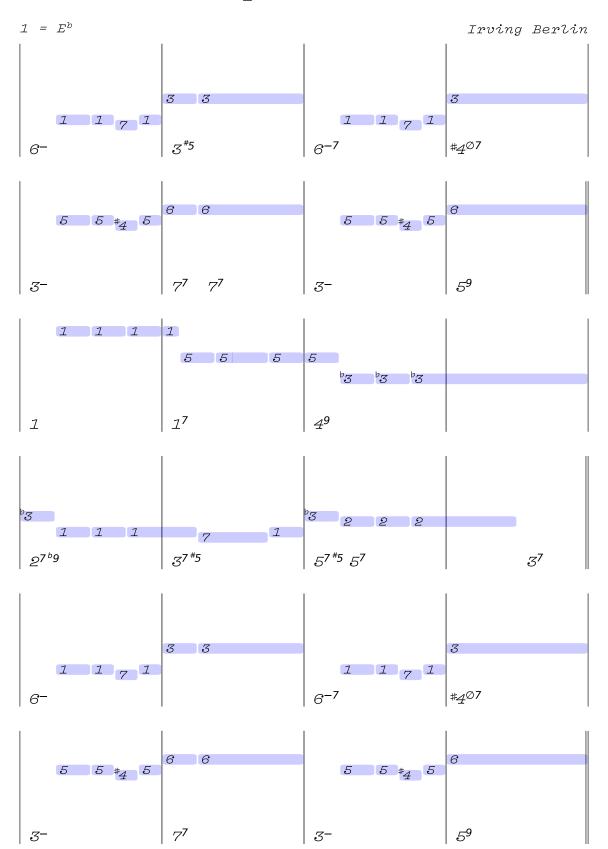


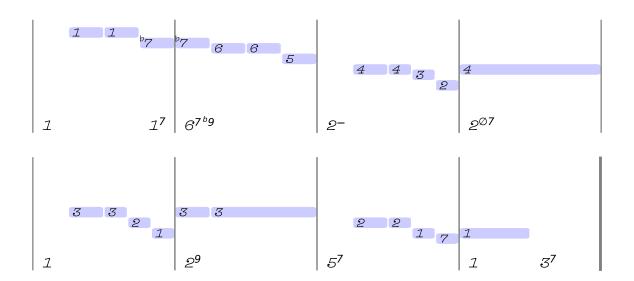


Groovin' High

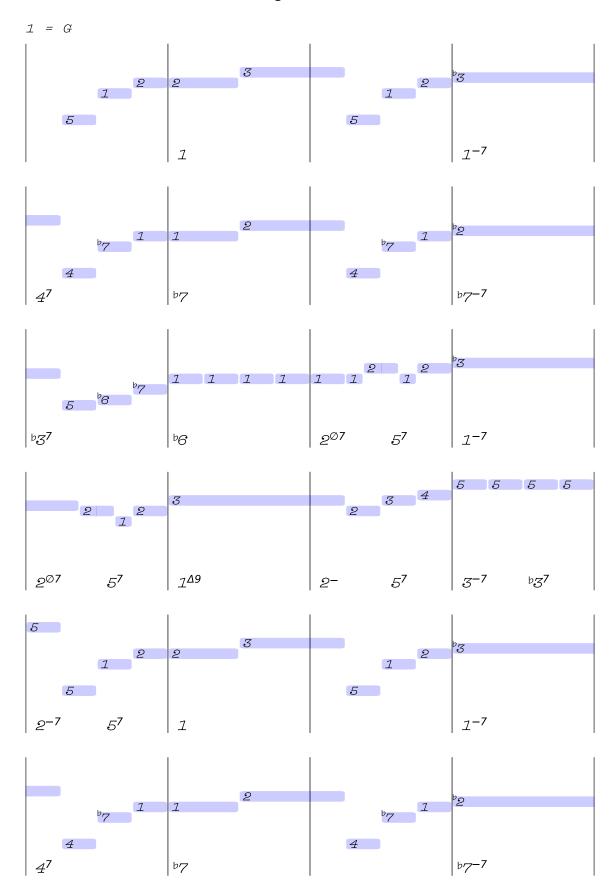


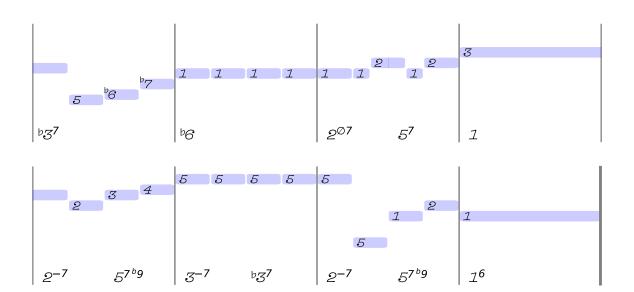
How Deep is the Ocean?



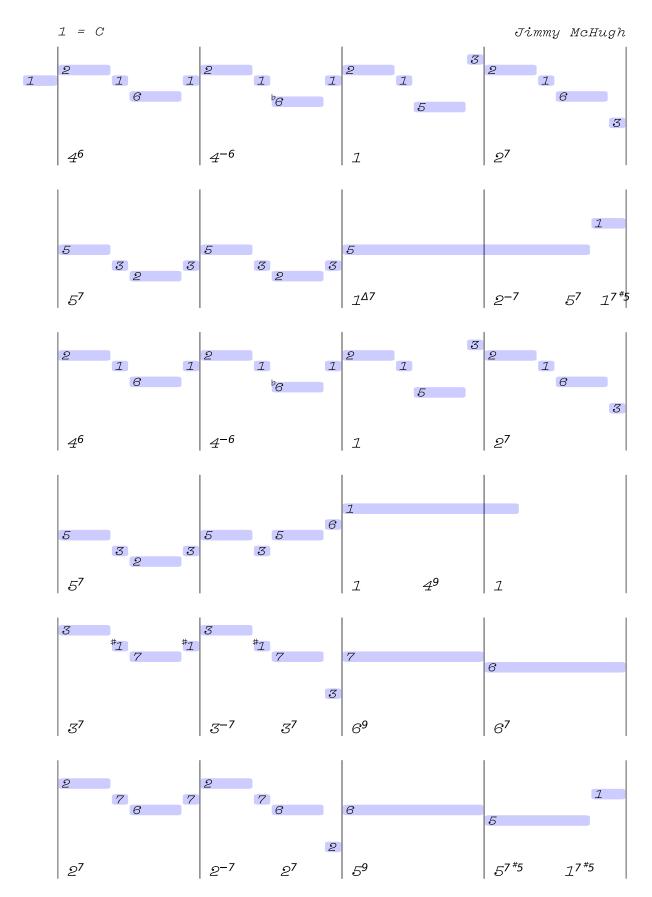


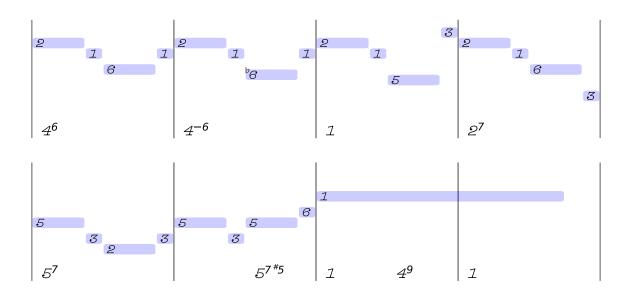
How High the Moon



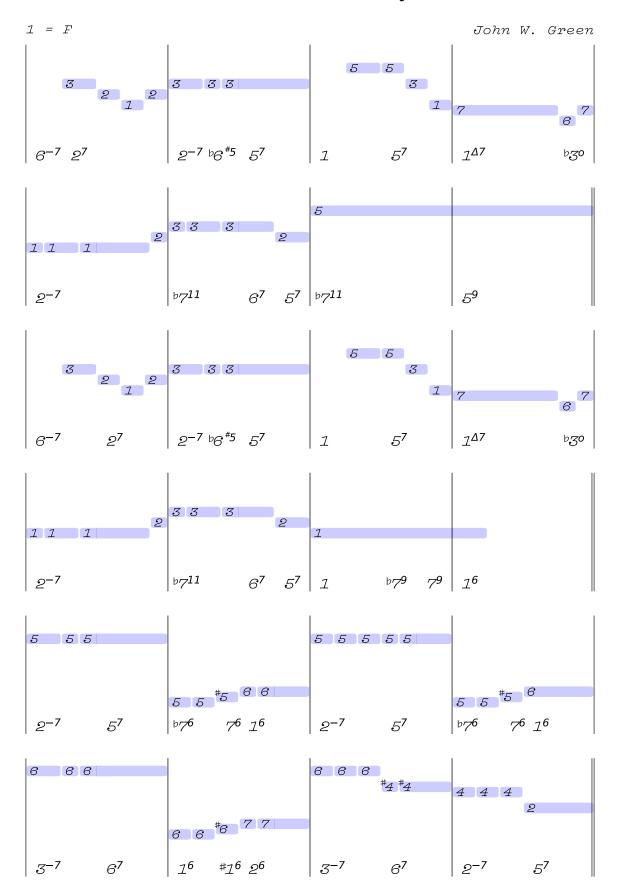


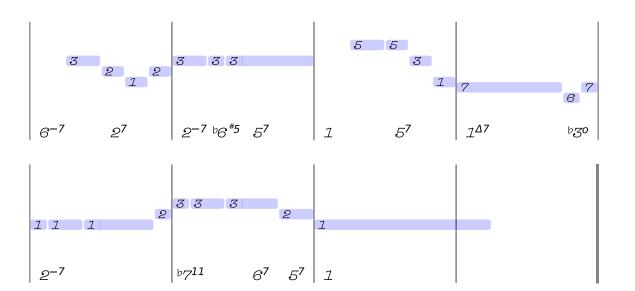
I Can't Believe That You're in Love with Me



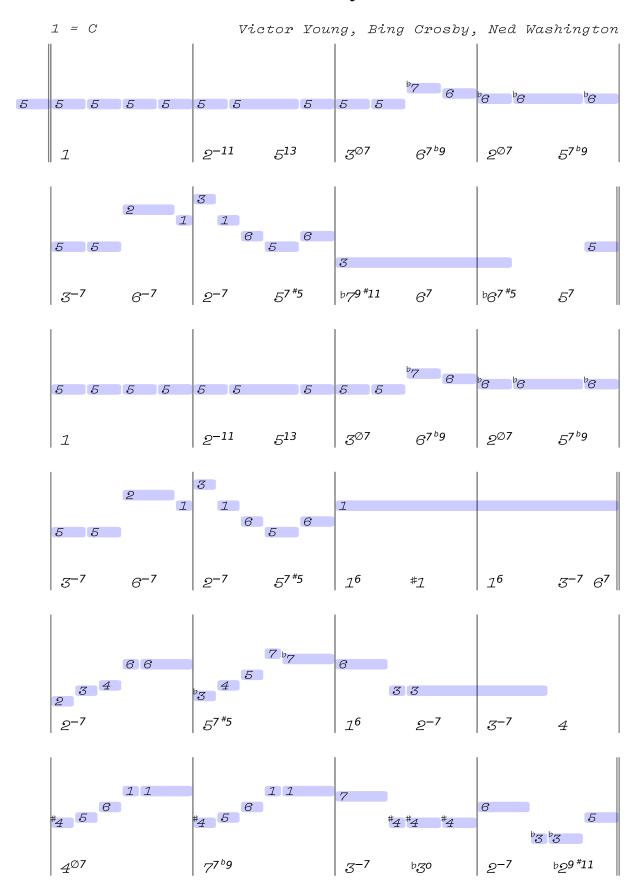


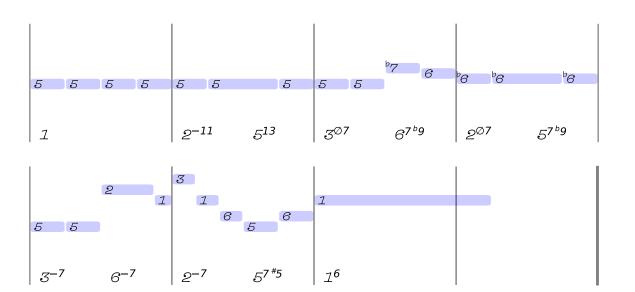
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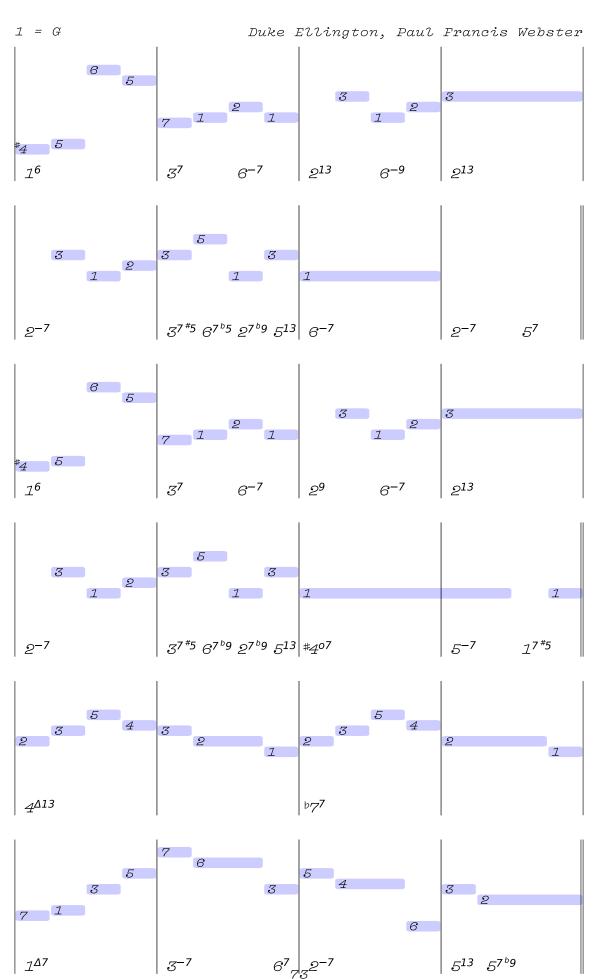


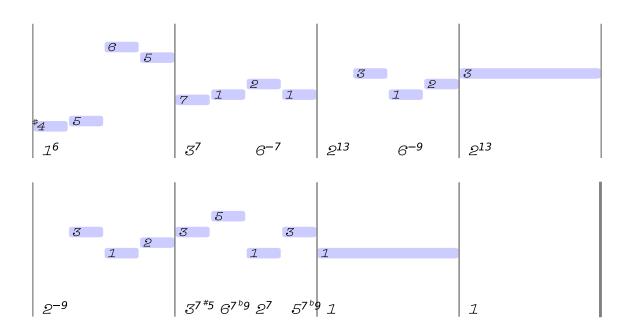
I Don't Stand a Ghost of a Chance (with You)



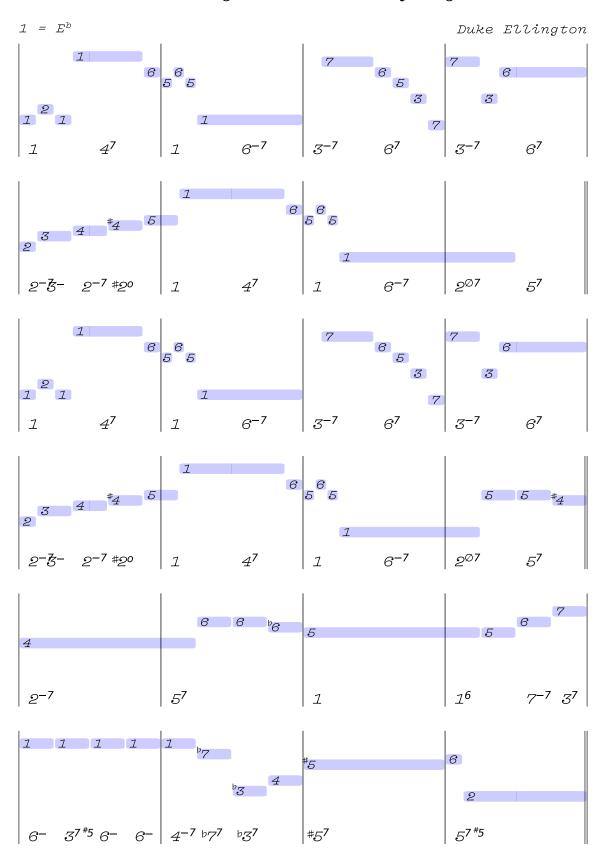


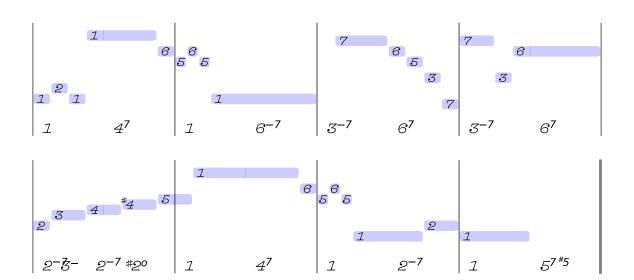
I Got it Bad and That Ain't Good



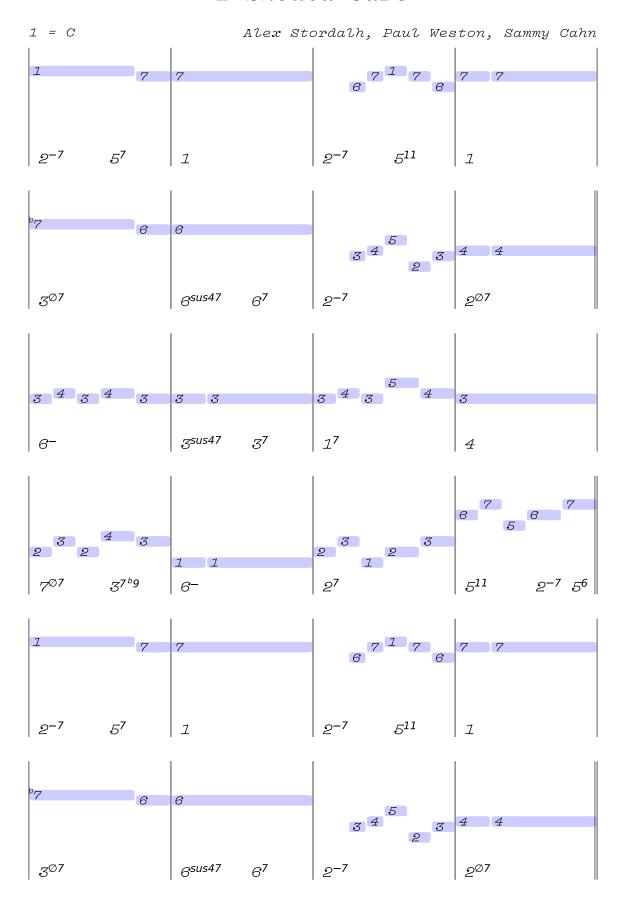


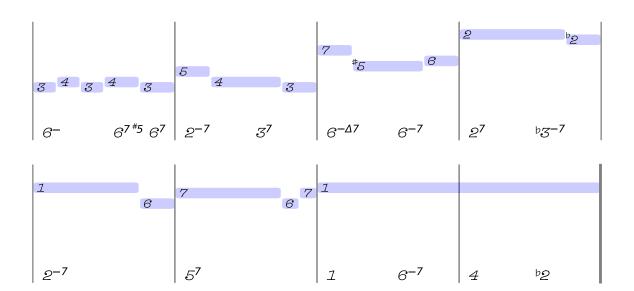
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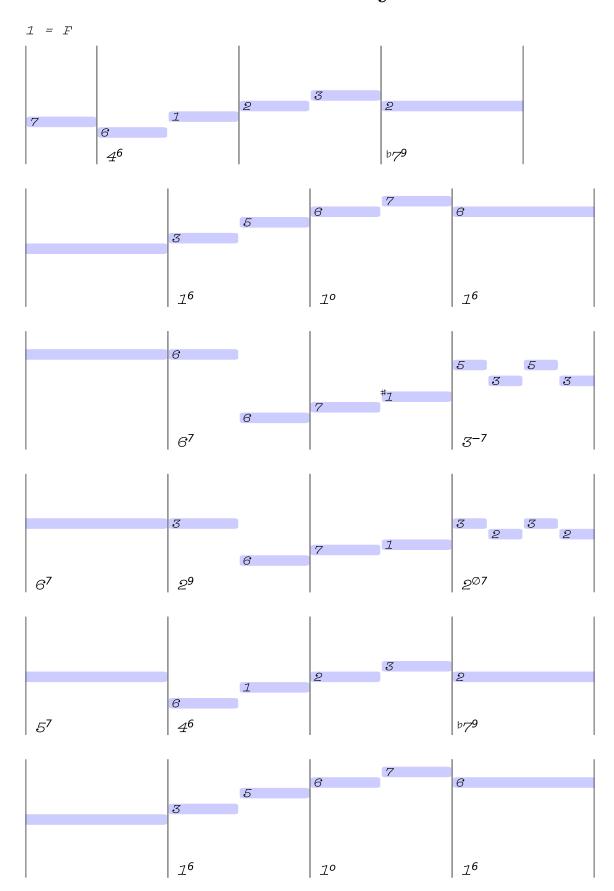


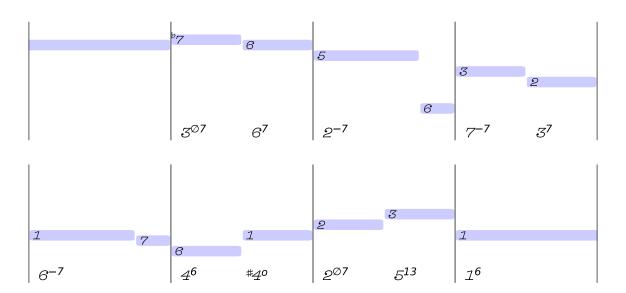


I Should Care



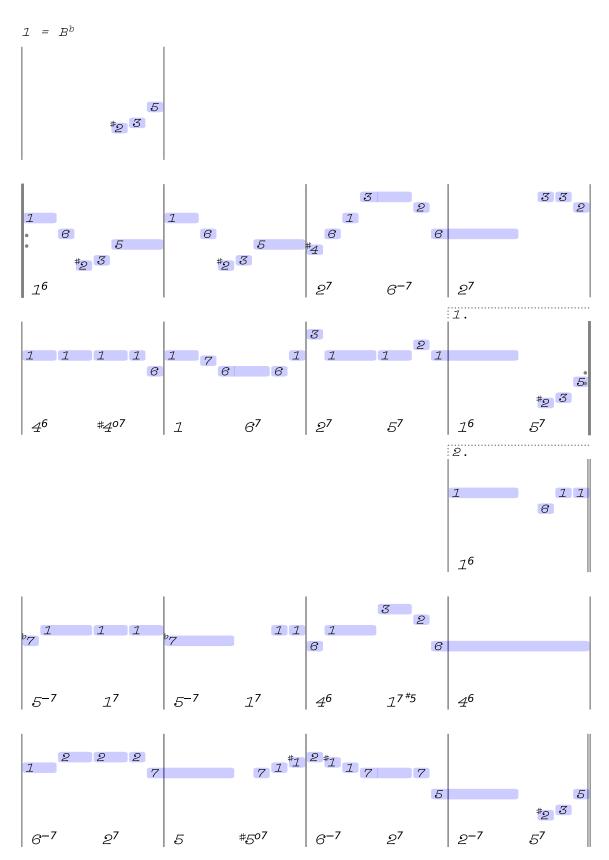


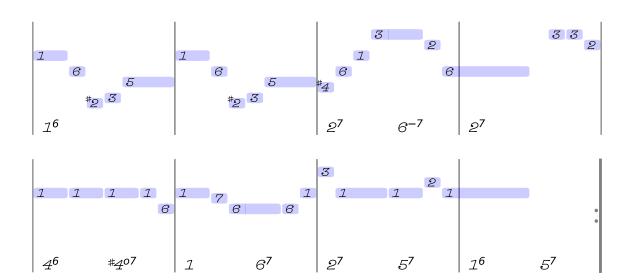




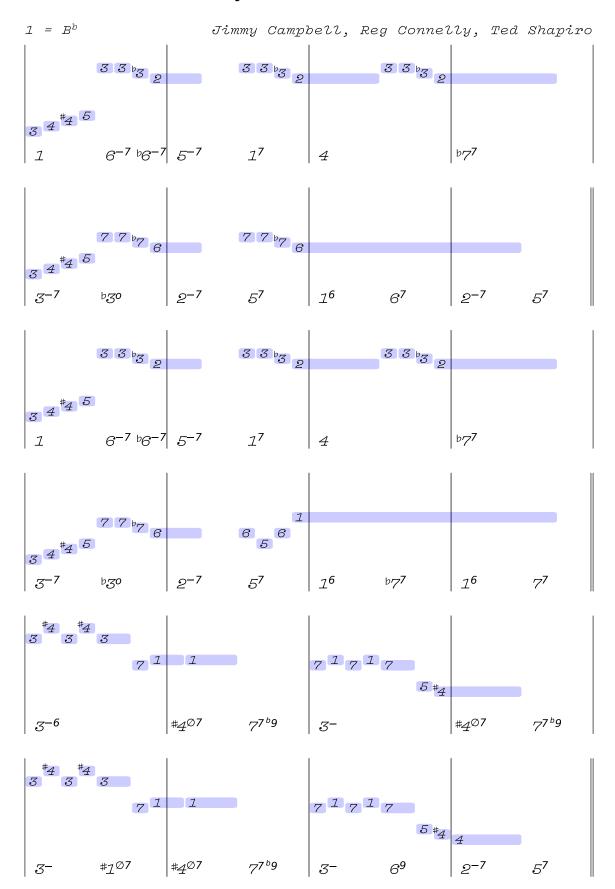


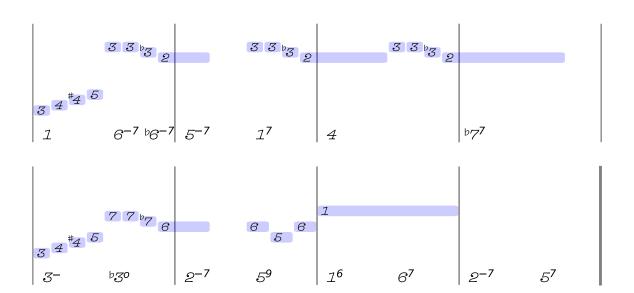
I'm Old Fashioned



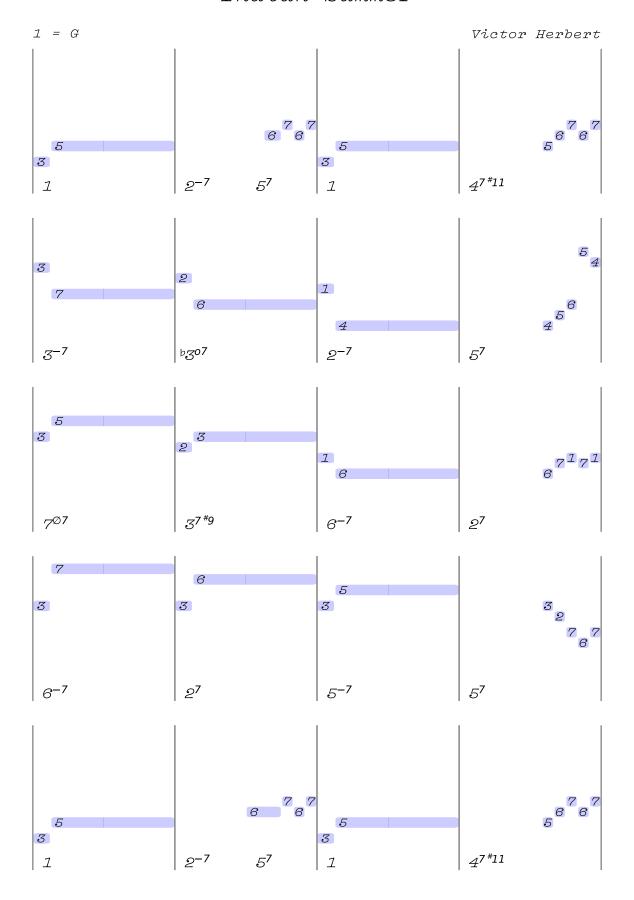


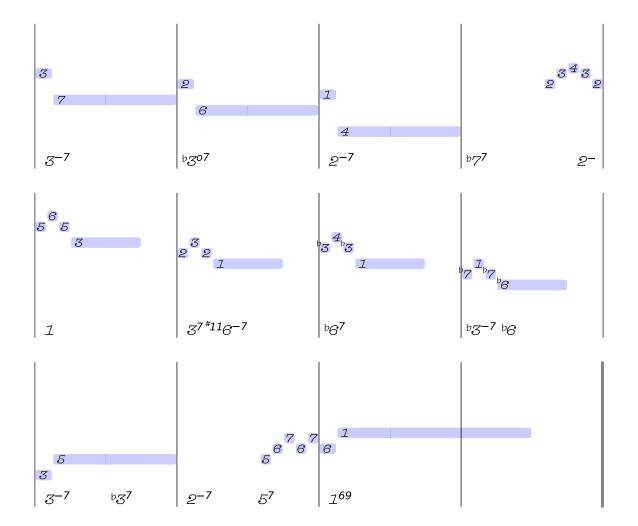
If I Had You

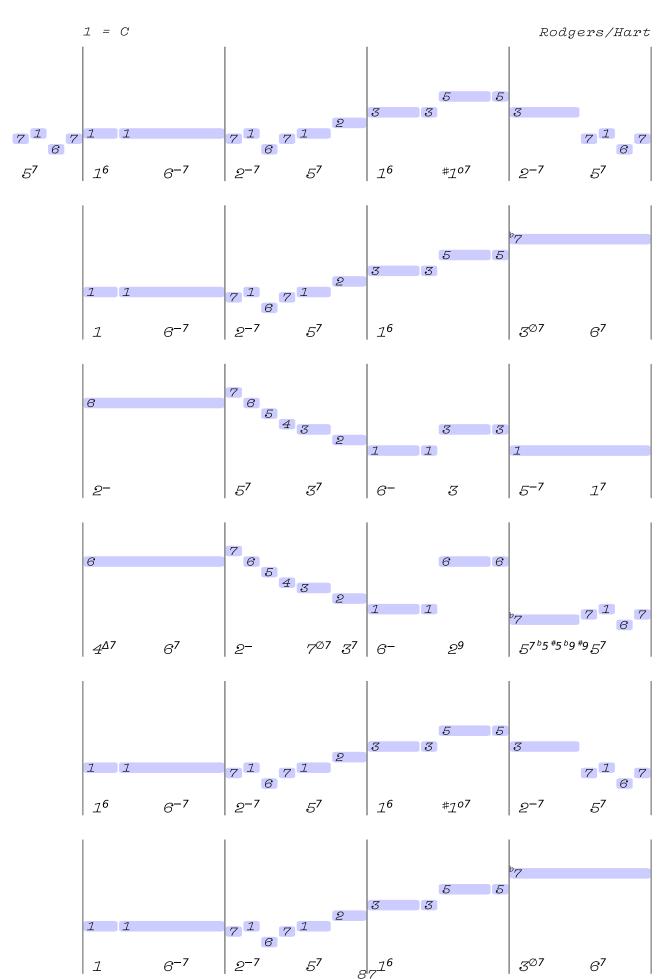


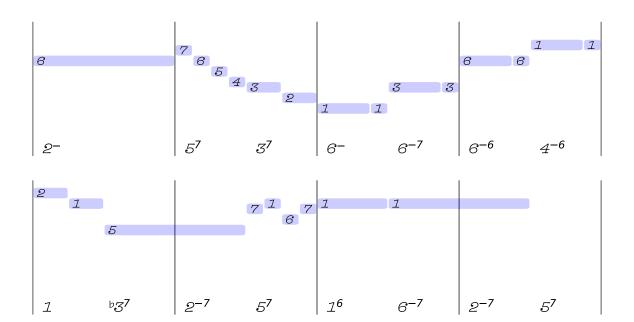


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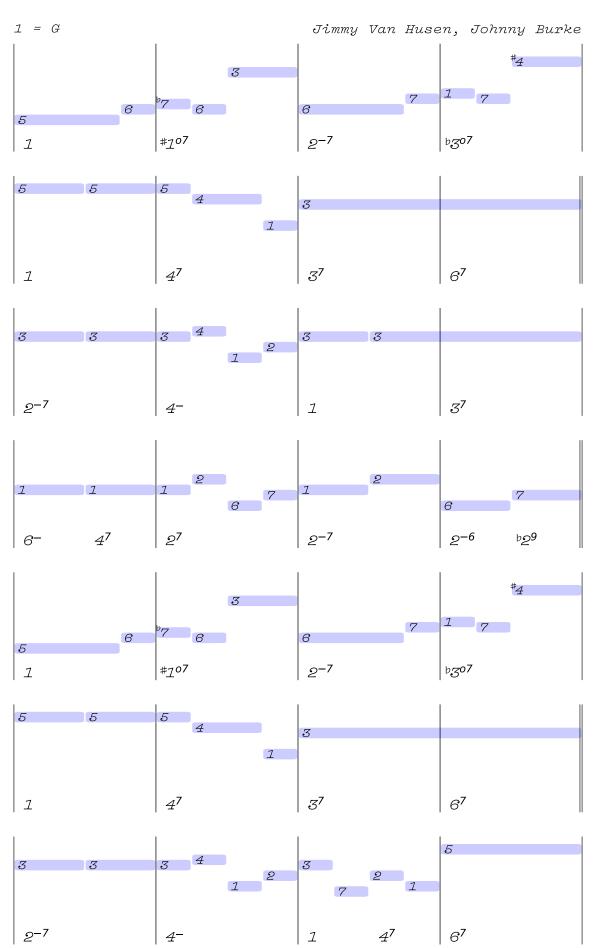


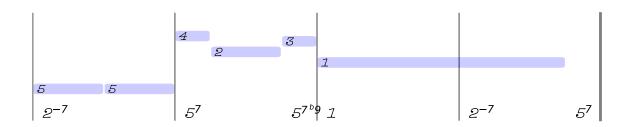




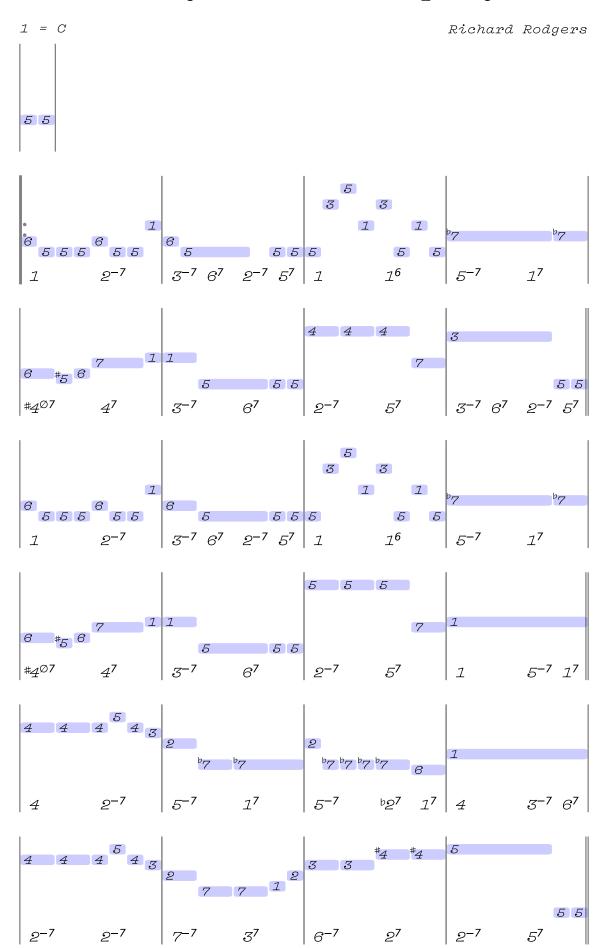


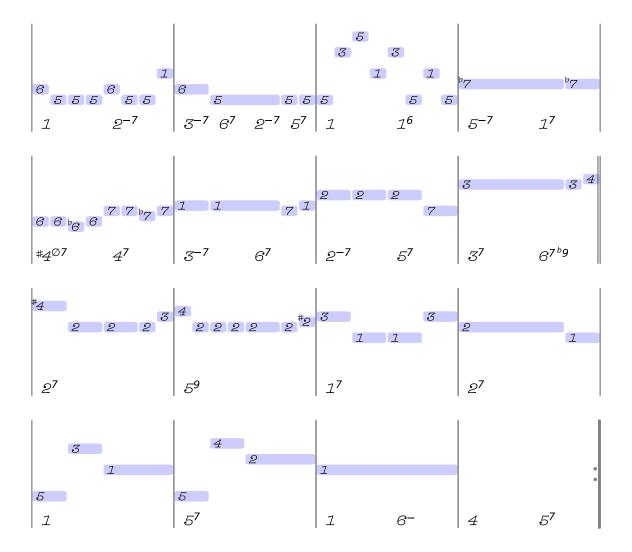
It Could Happen to You



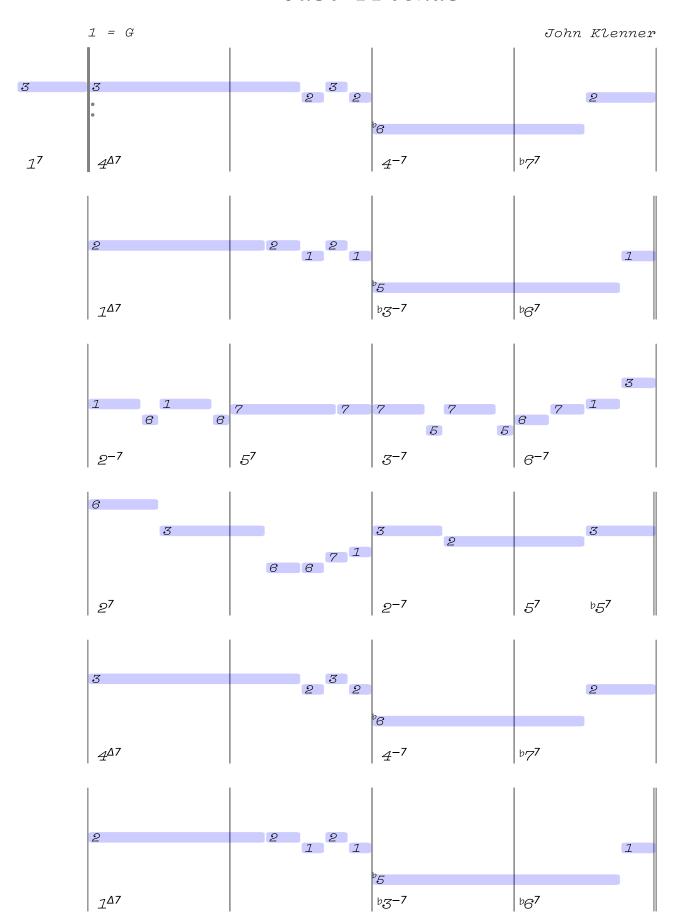


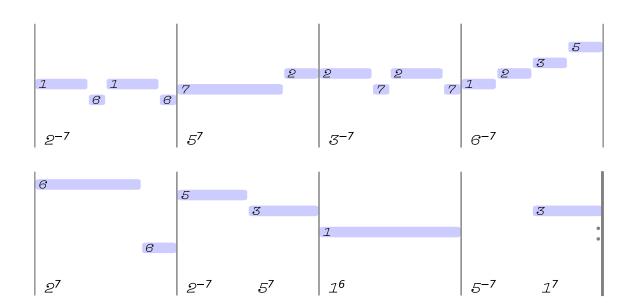
It Might As Well Be Spring



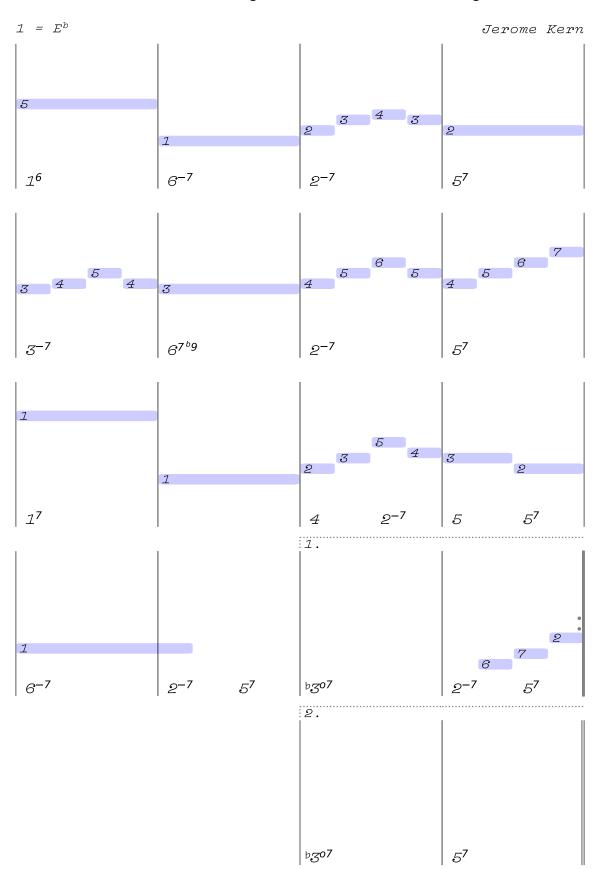


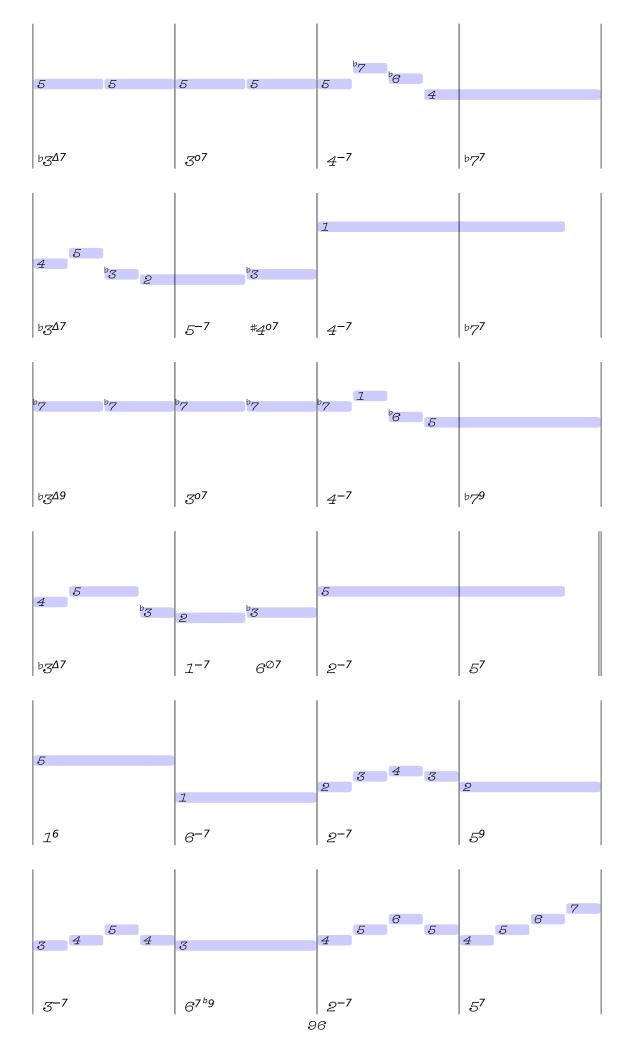
Just Friends

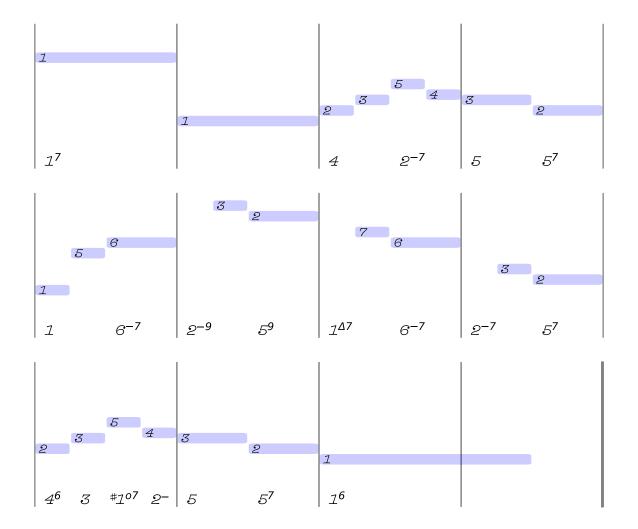


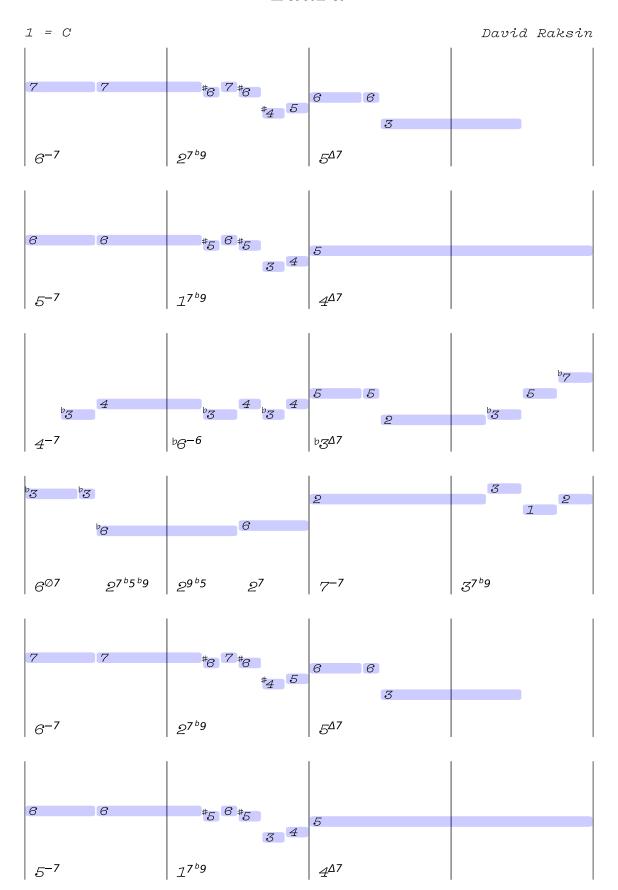


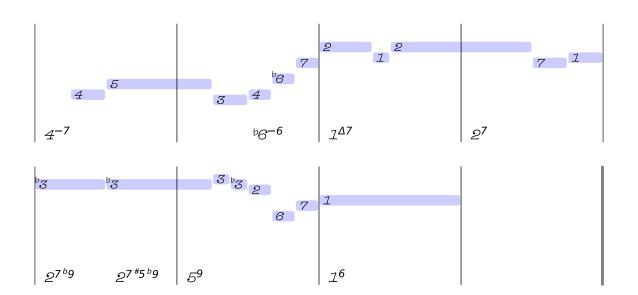
Just the Way You Look Tonight

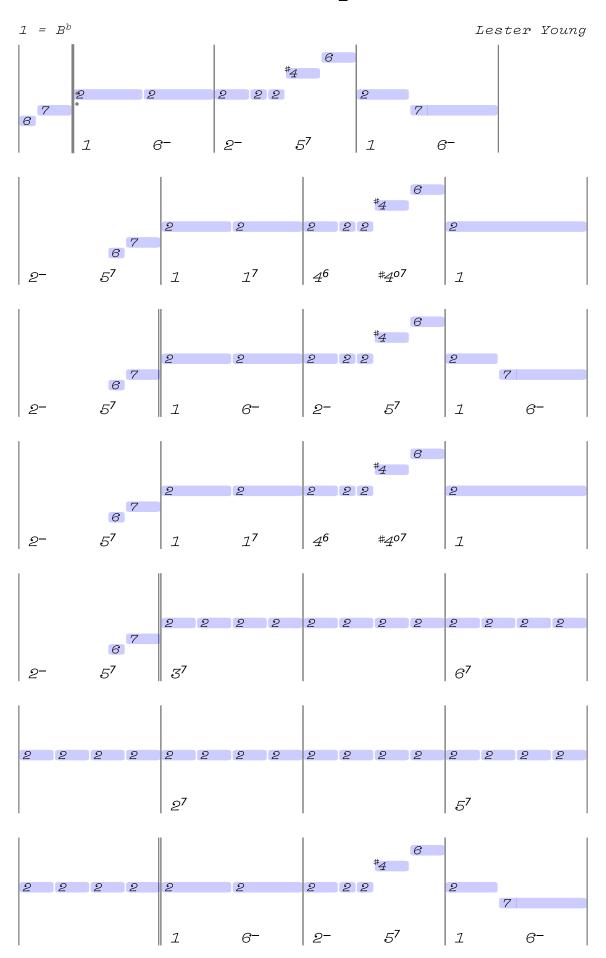


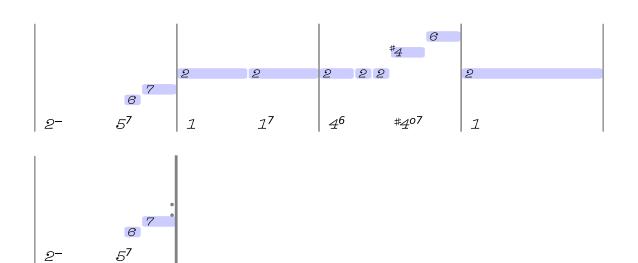




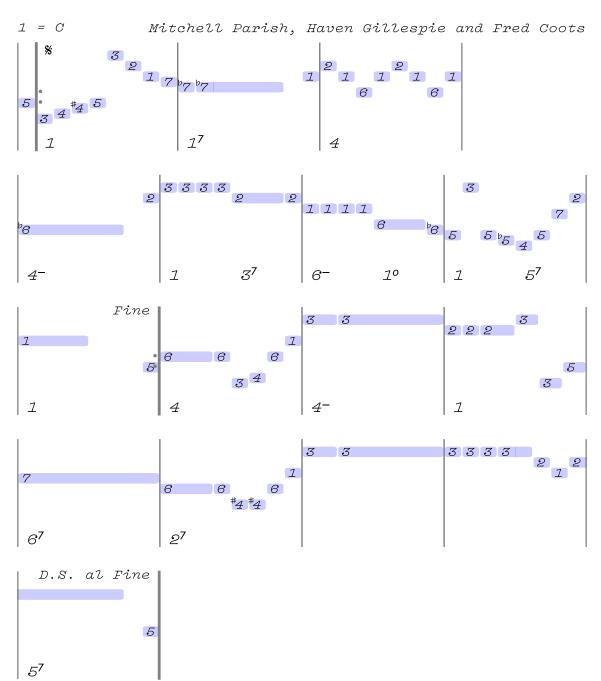




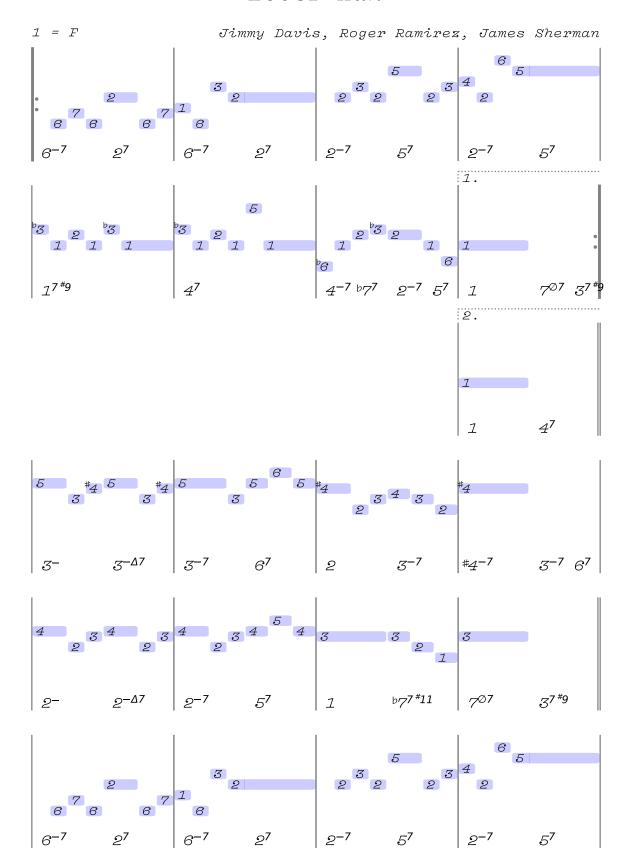


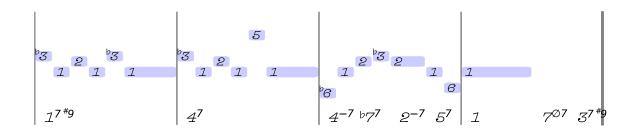


Louisiana Fairytale



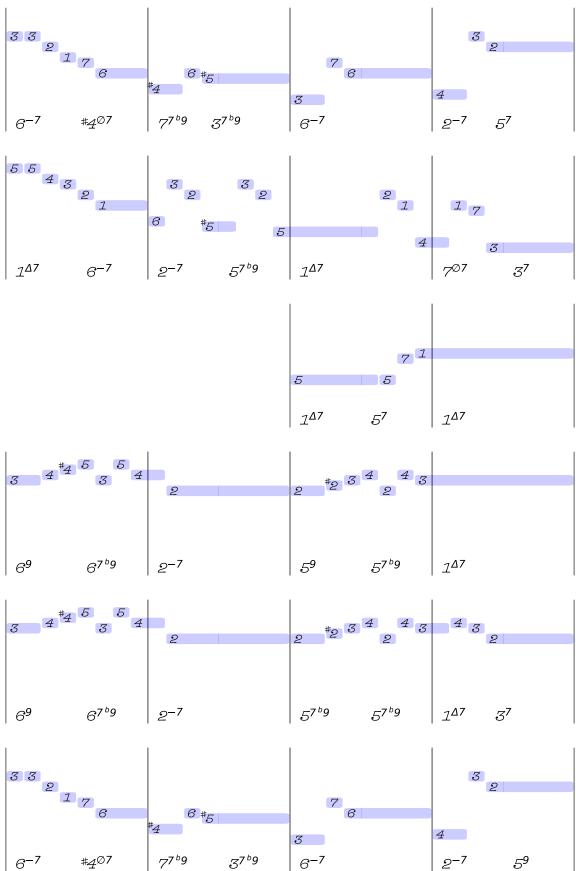
Lover Man

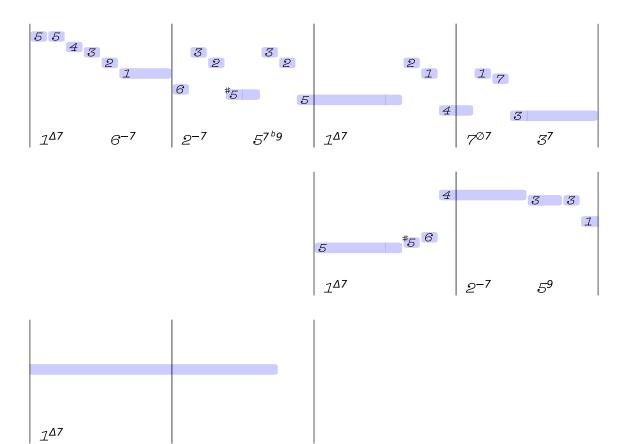


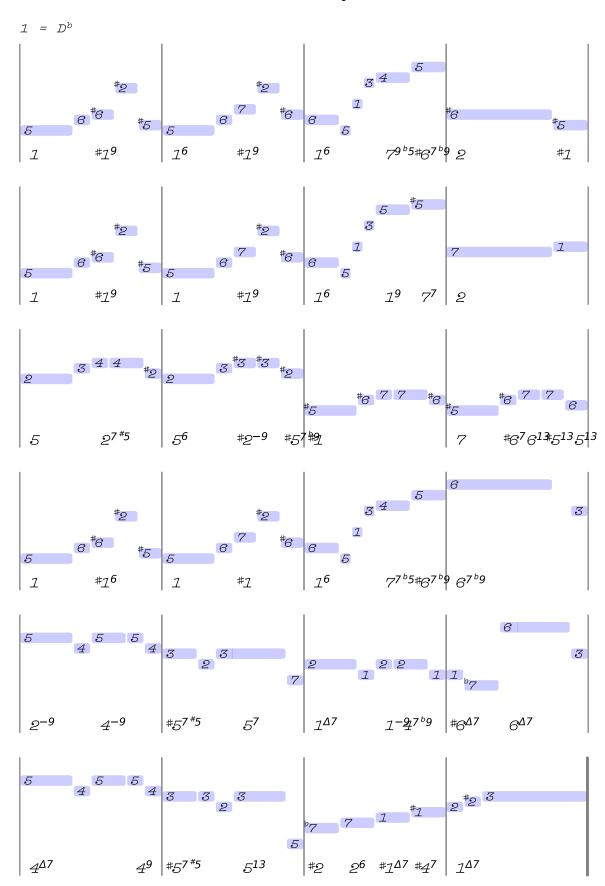


Lullaby of Birdland

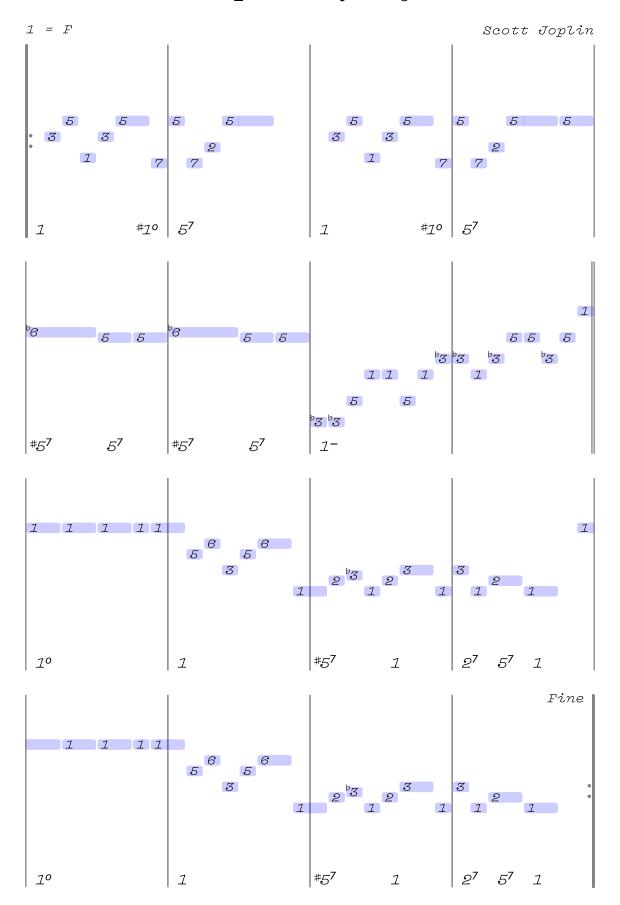
ifonia.org∤nod@/1621/revisions/6070/view verified with real book chords

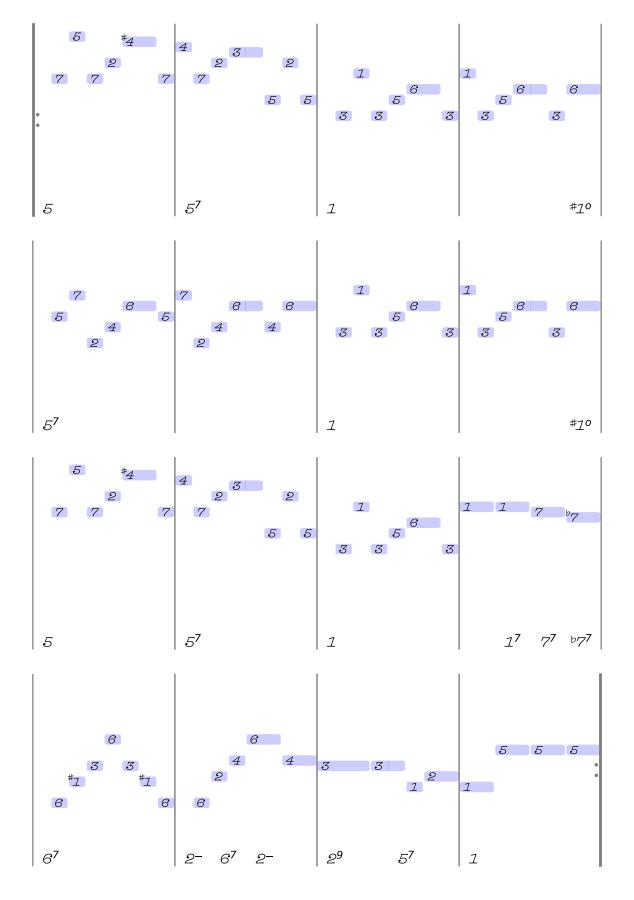


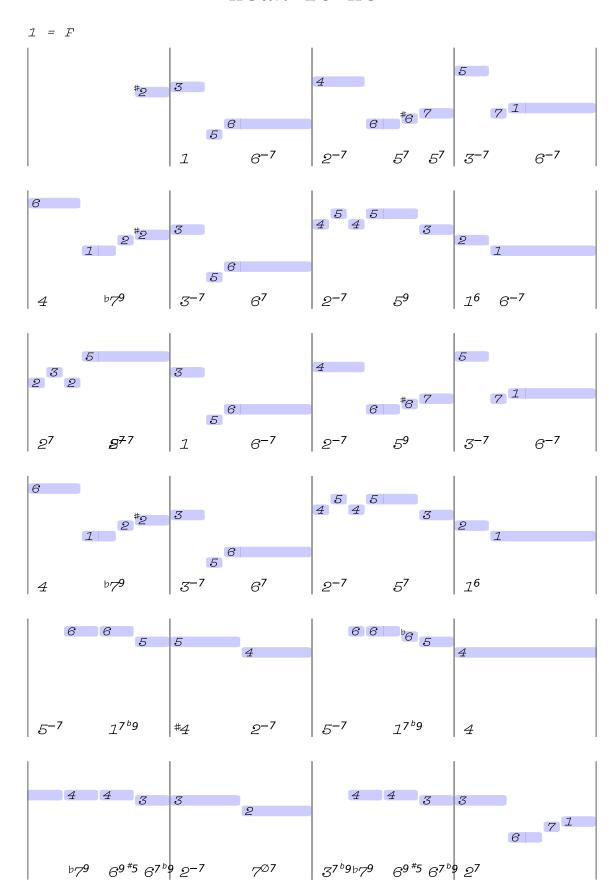


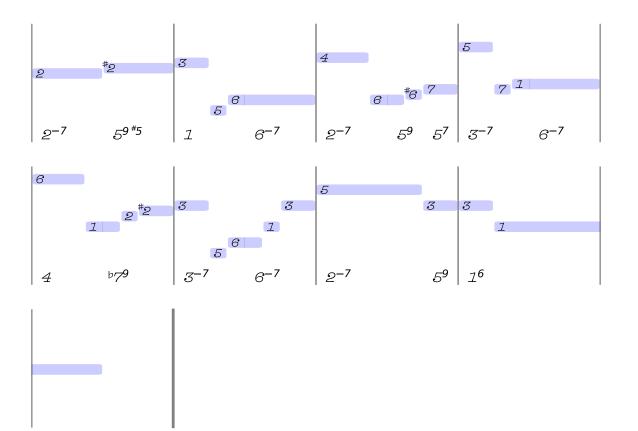


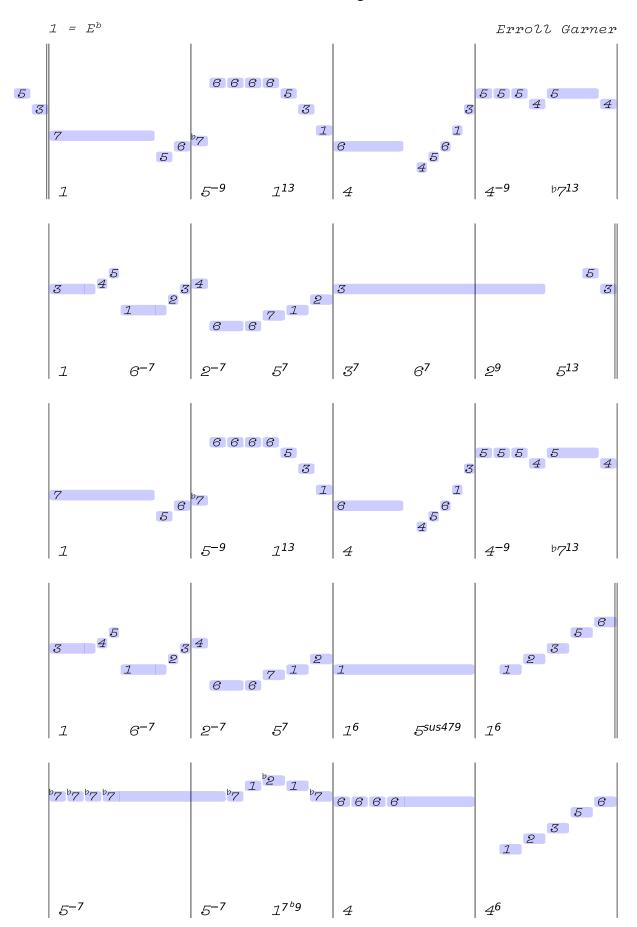
Maple Leaf Rag

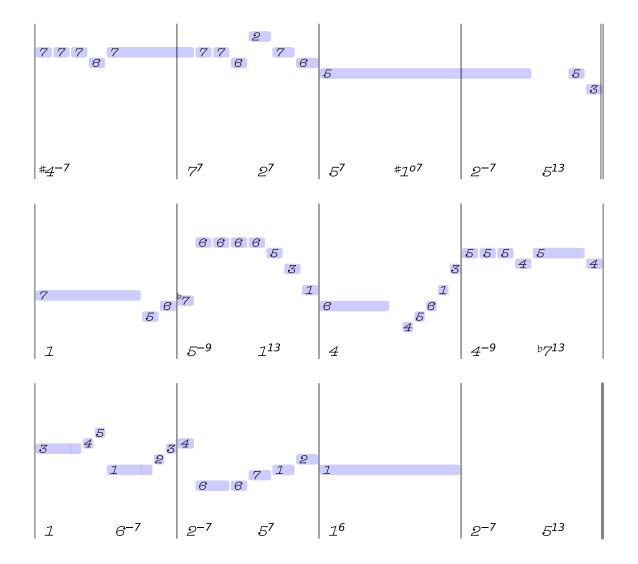




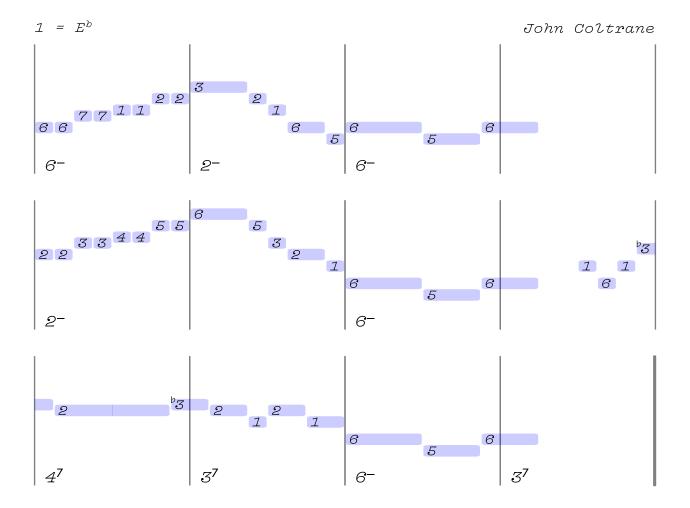




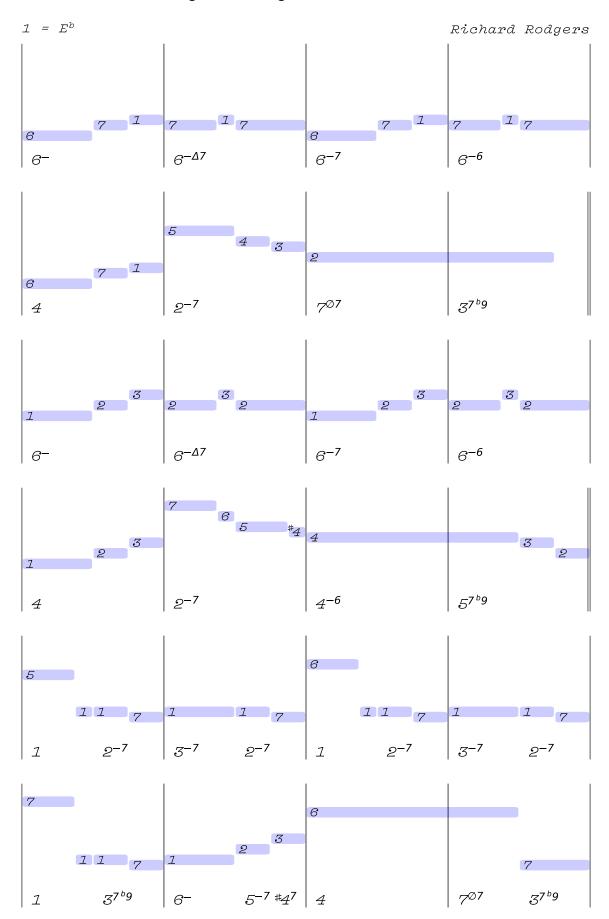


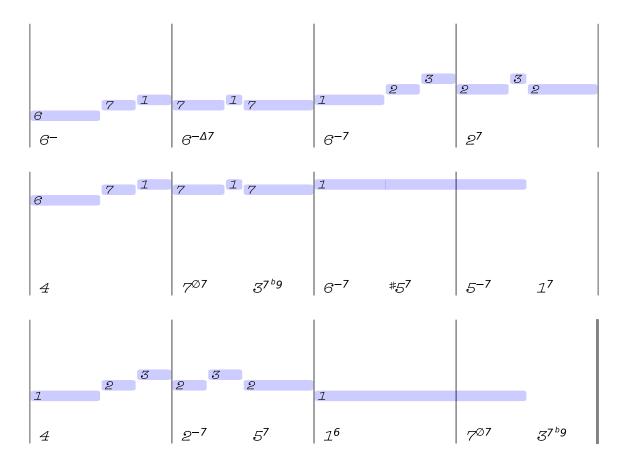


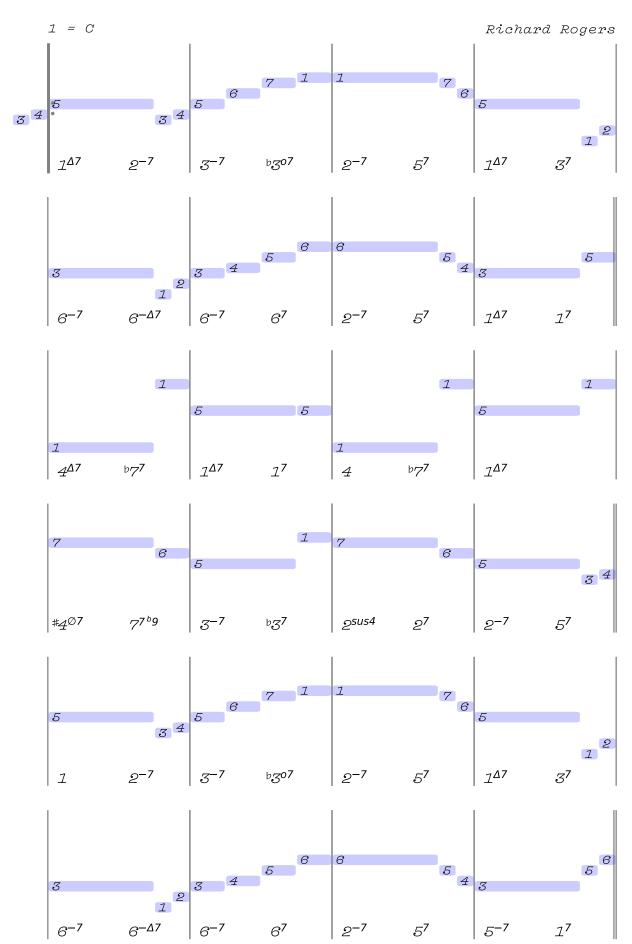
Mr PC

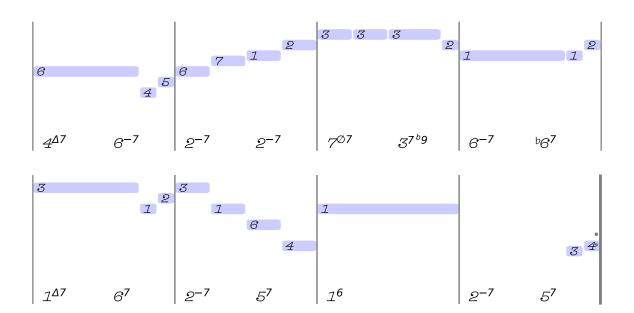


My Funny Valentine

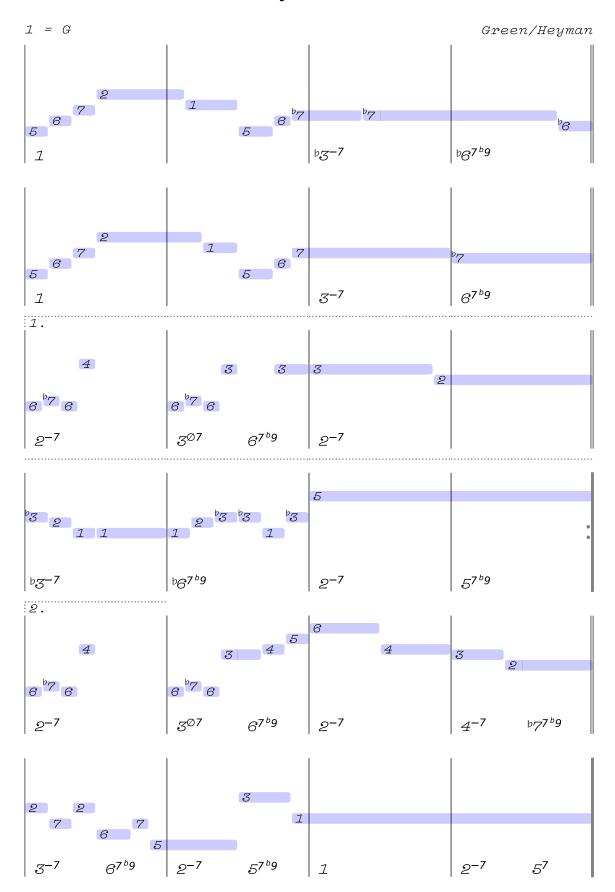


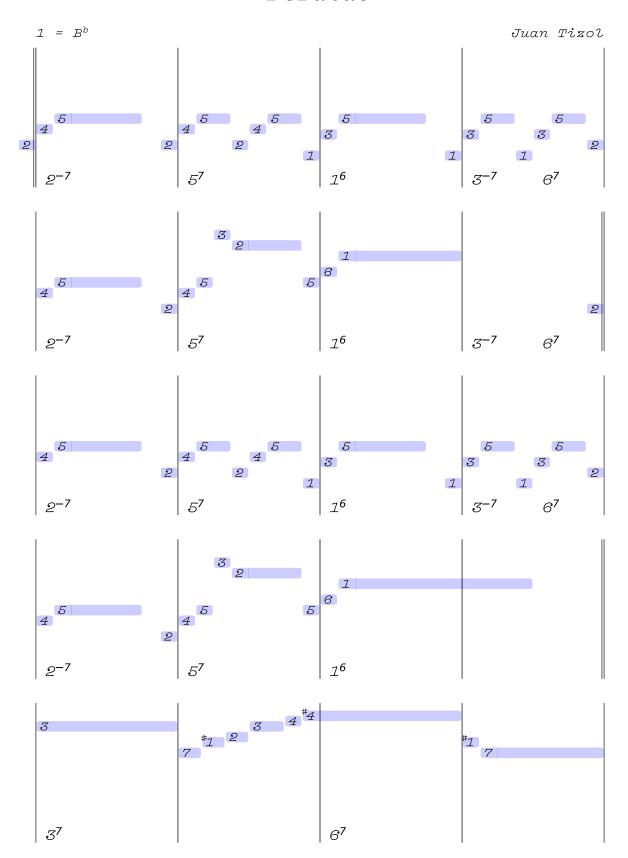


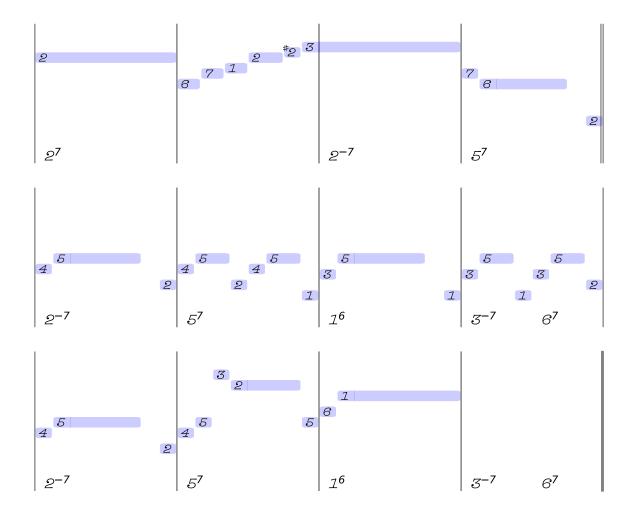




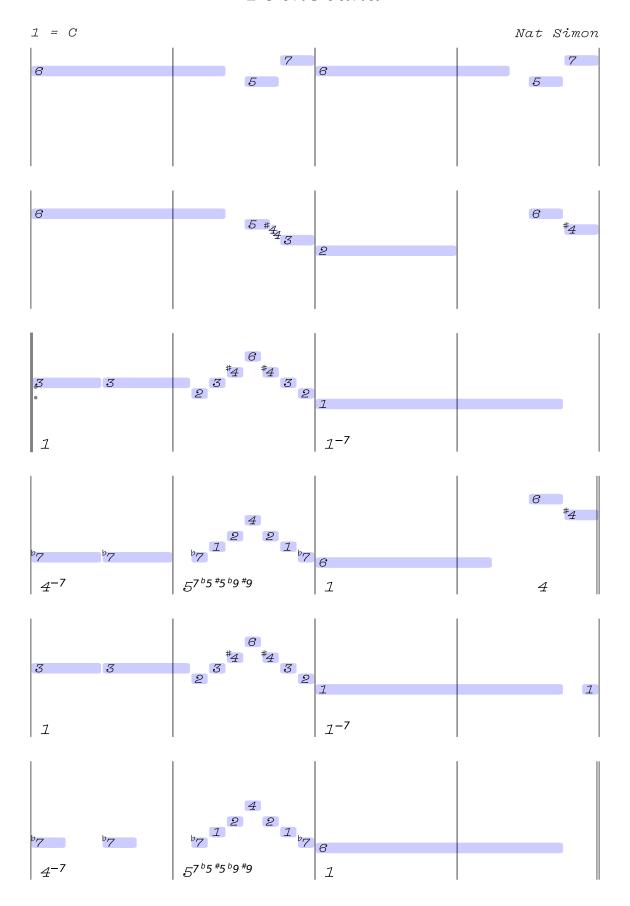
Out of Nowhere

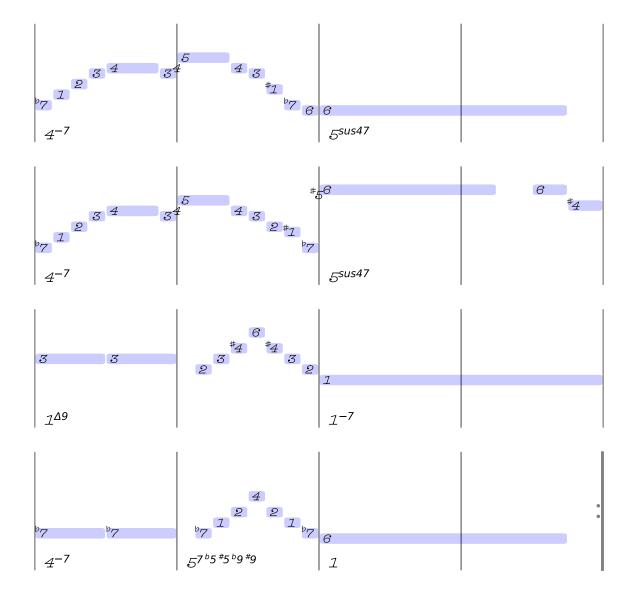




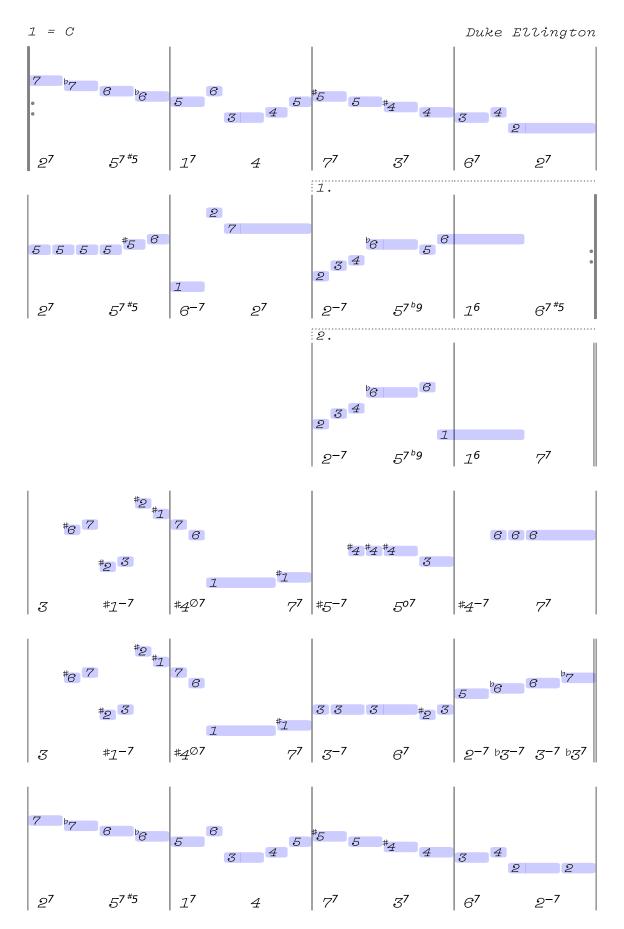


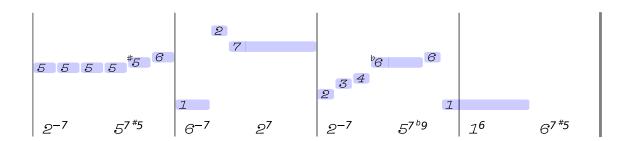
Poinciana



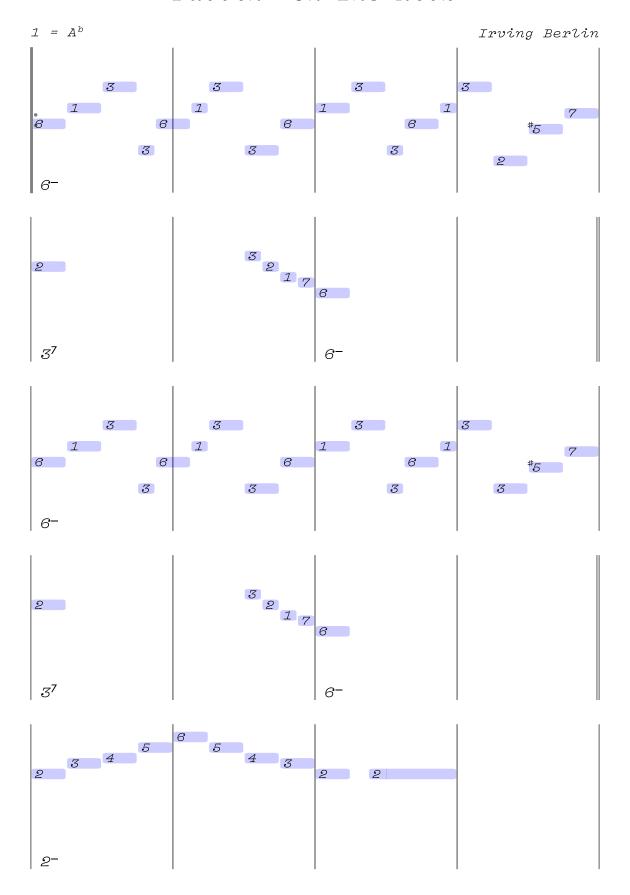


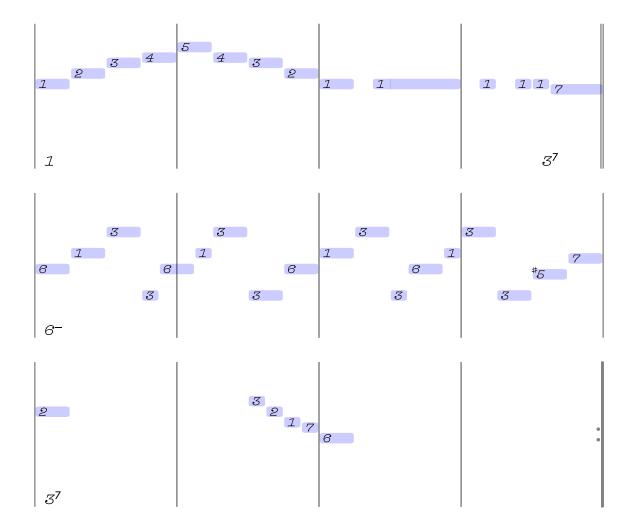
Prelude to a Kiss



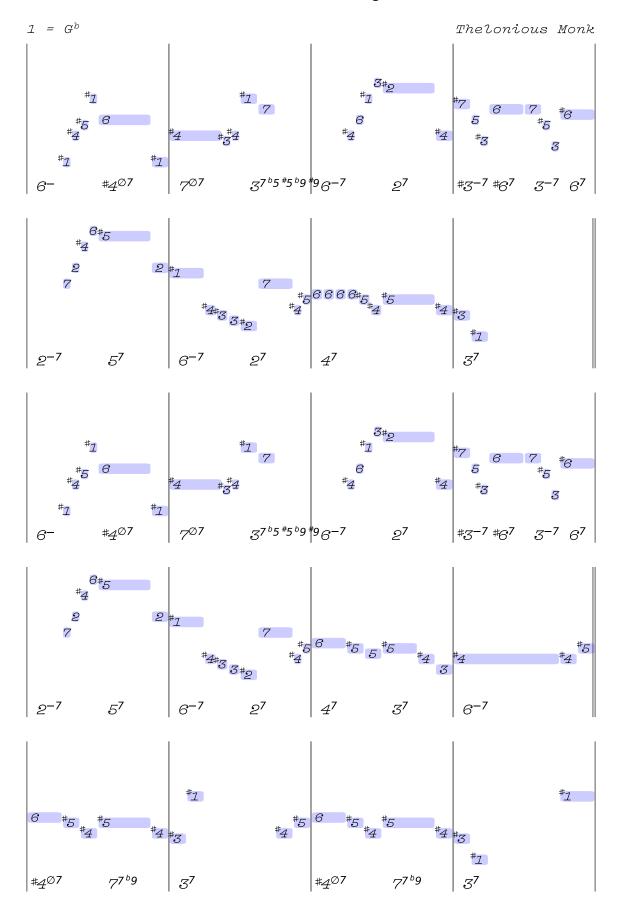


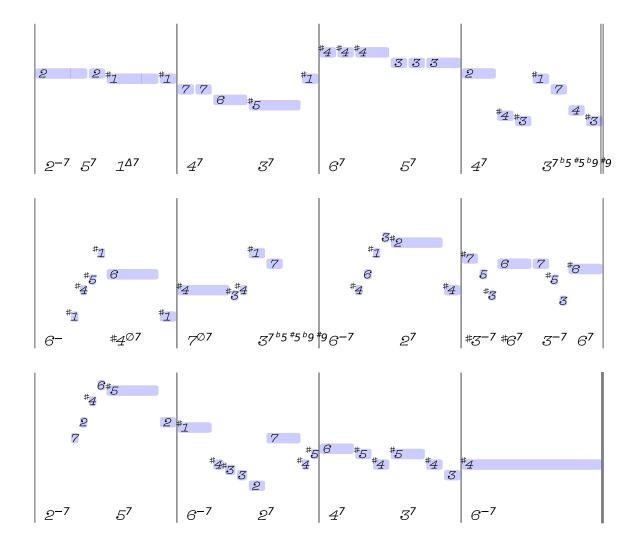
Puttin' On The Ritz



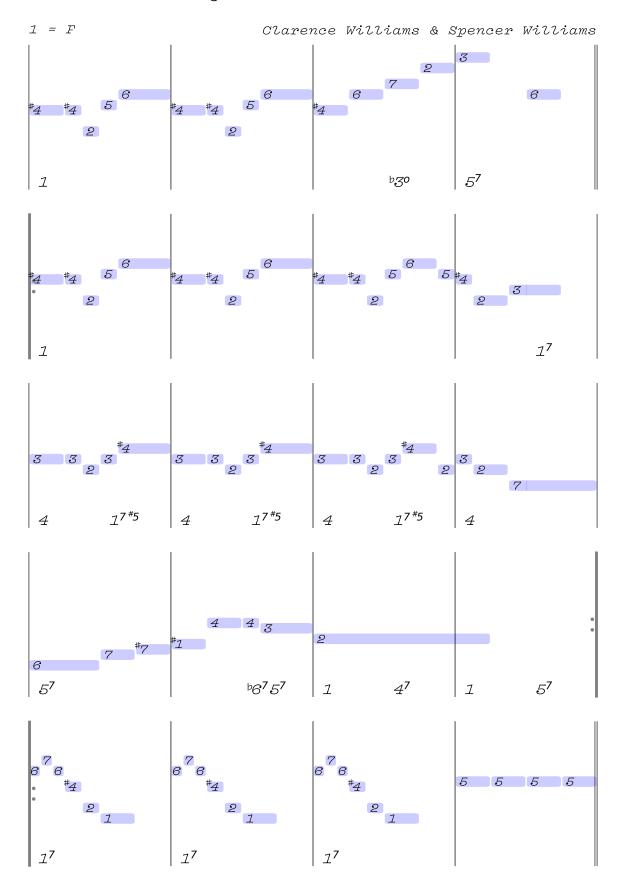


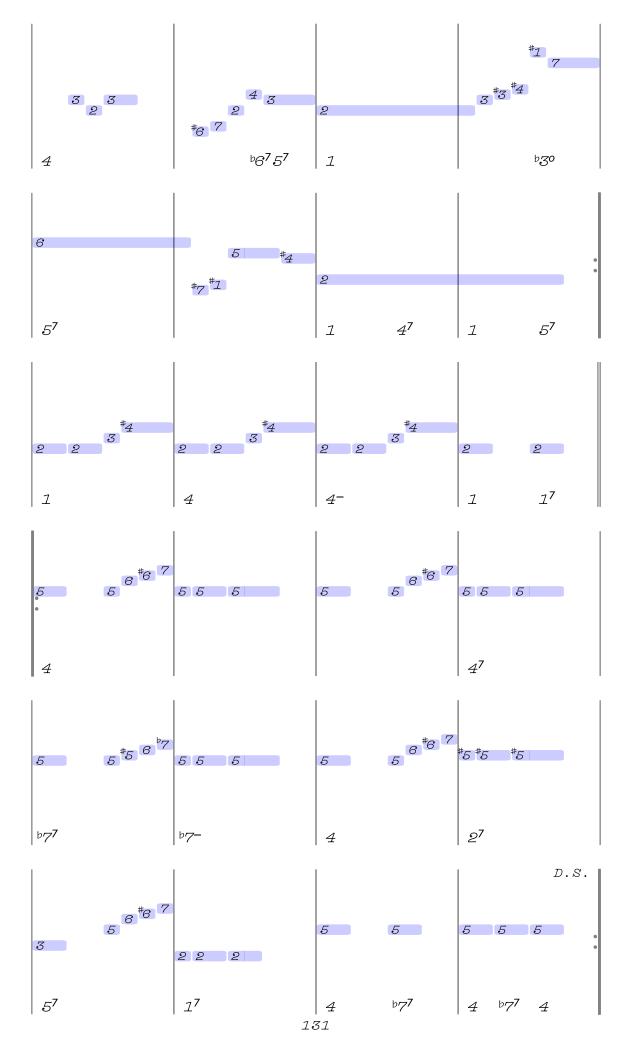
Round Midnight



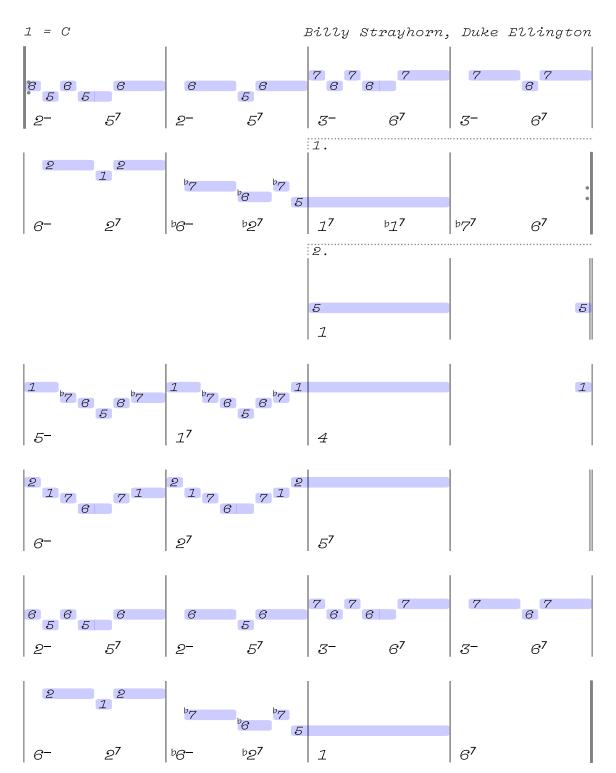


Royal Garden Blues

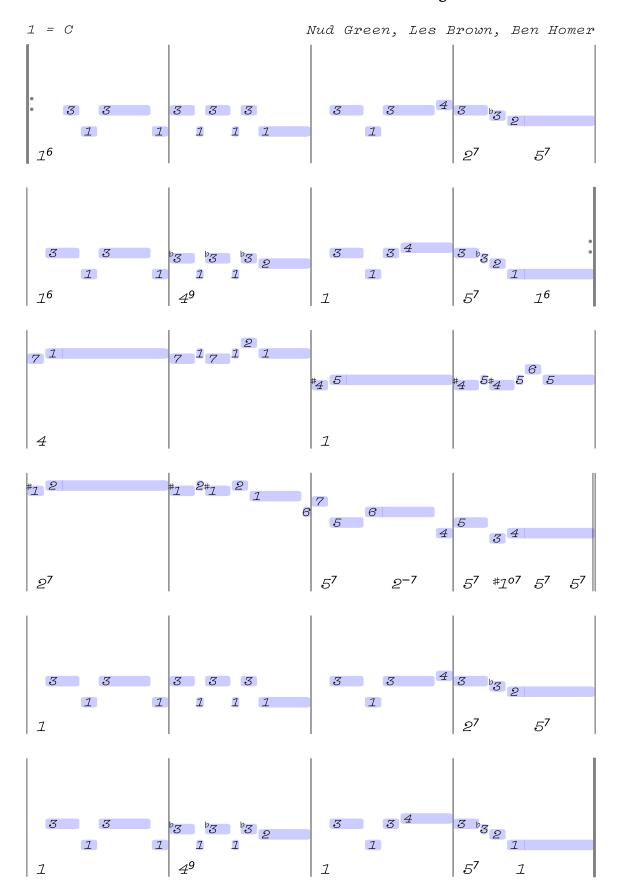




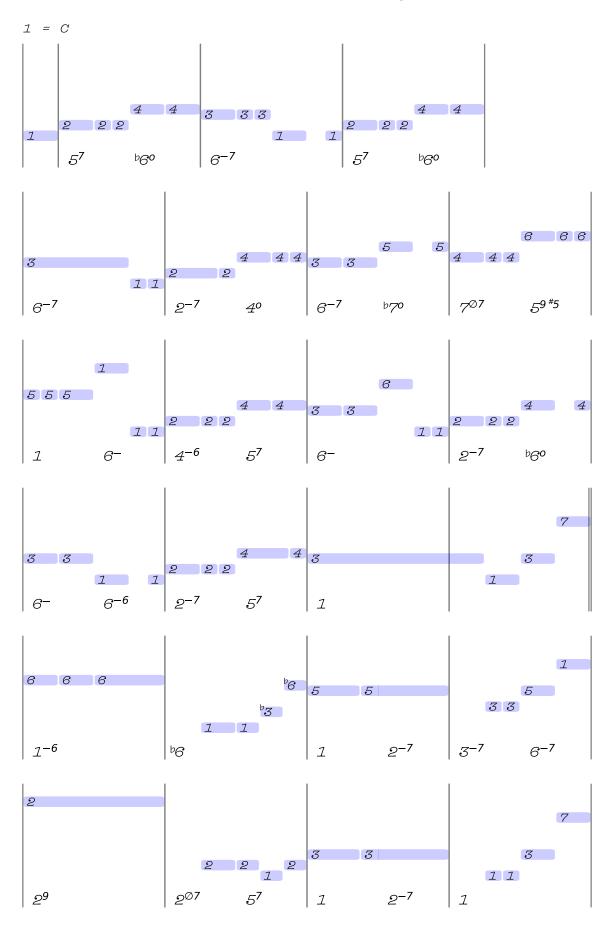
Satin Doll

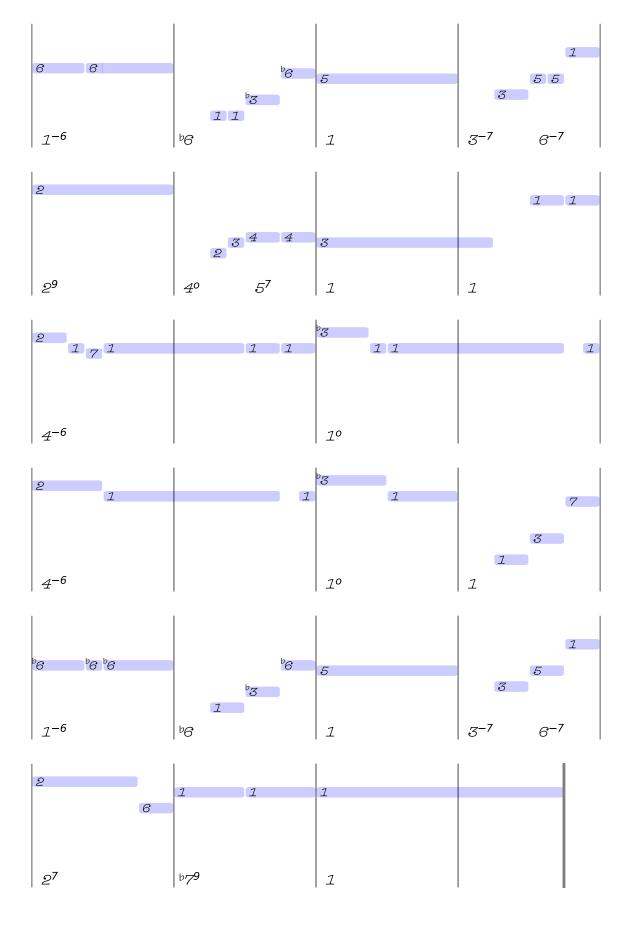


Sentimental Journey

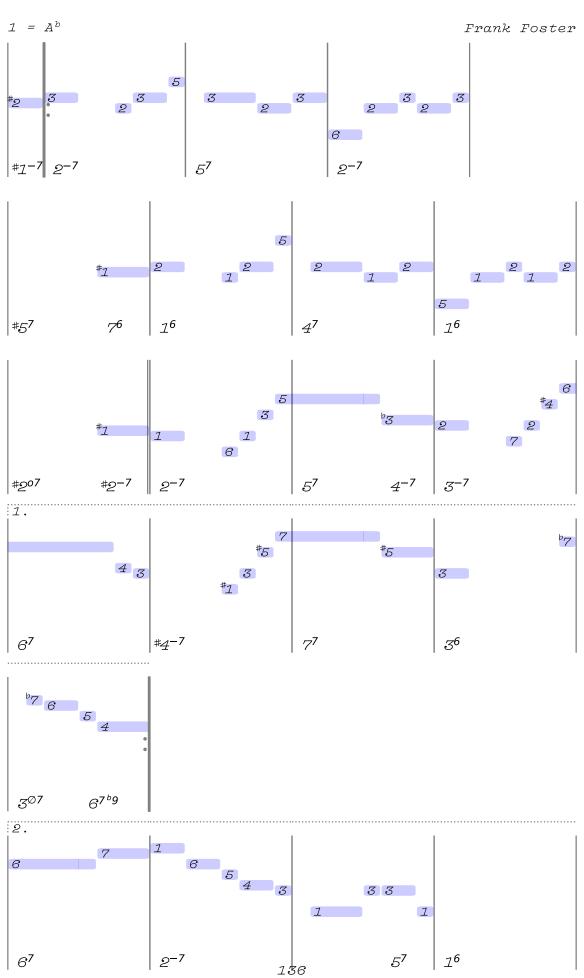


September Song

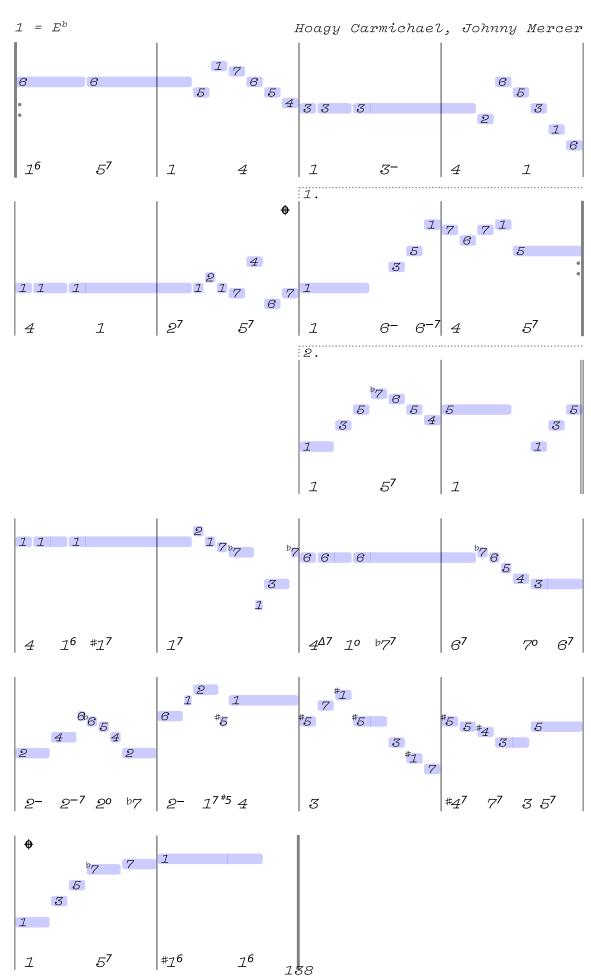




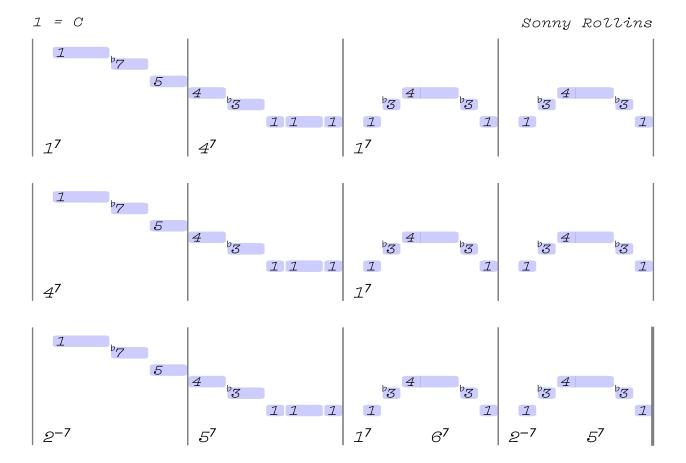
Shiny Stockings



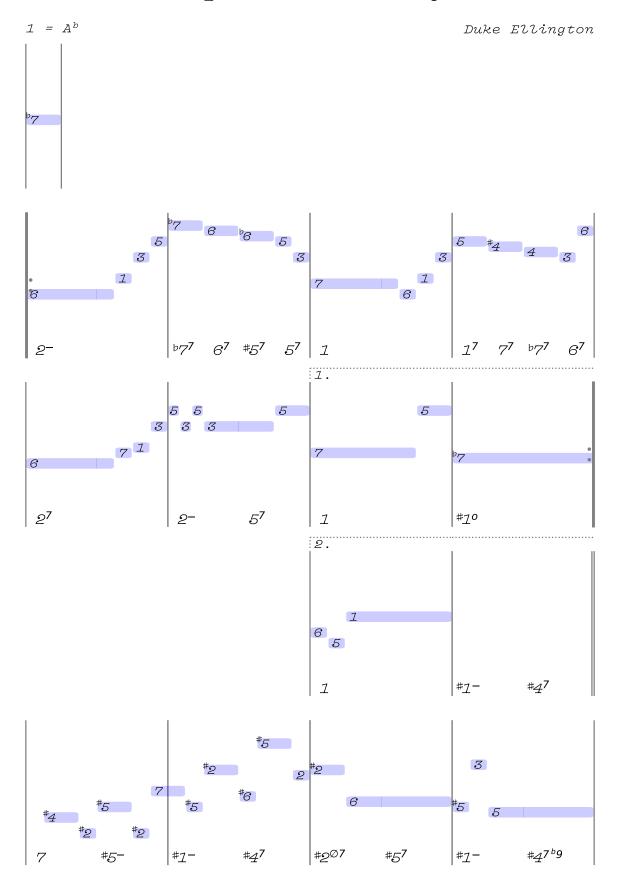
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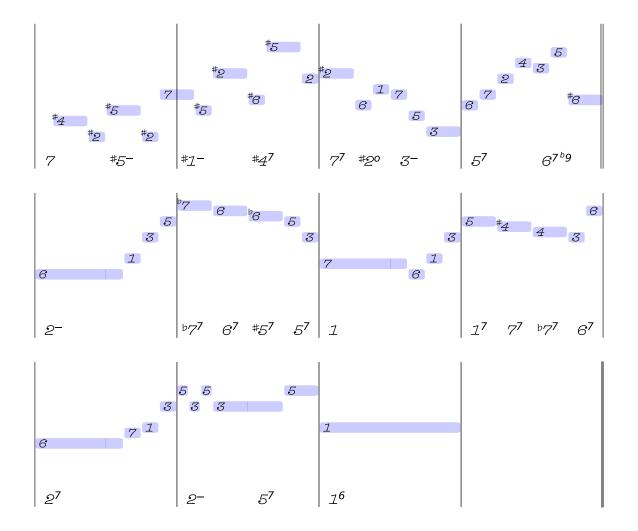


Sonnymoon for Two

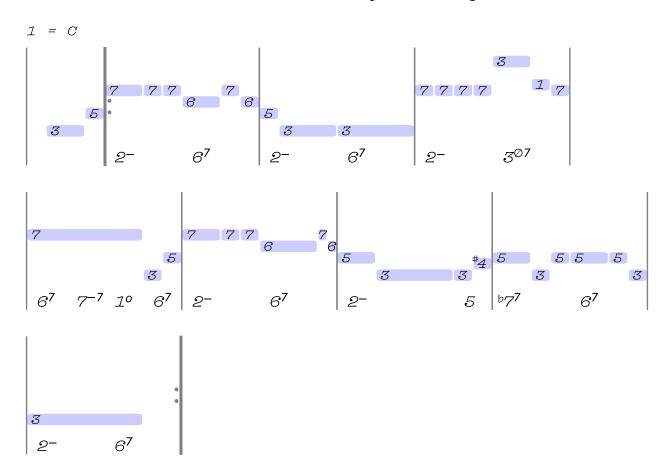


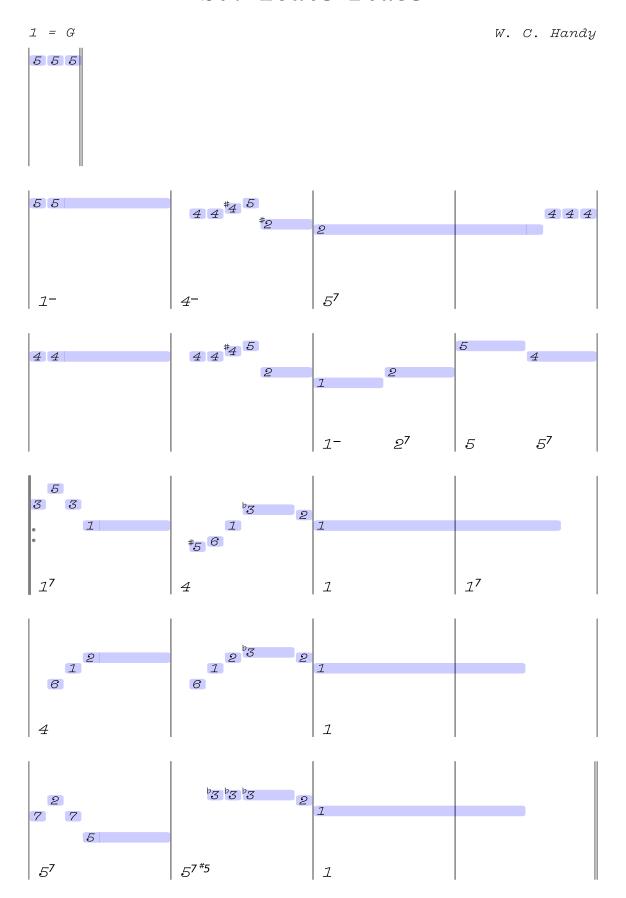
Sophisticated Lady

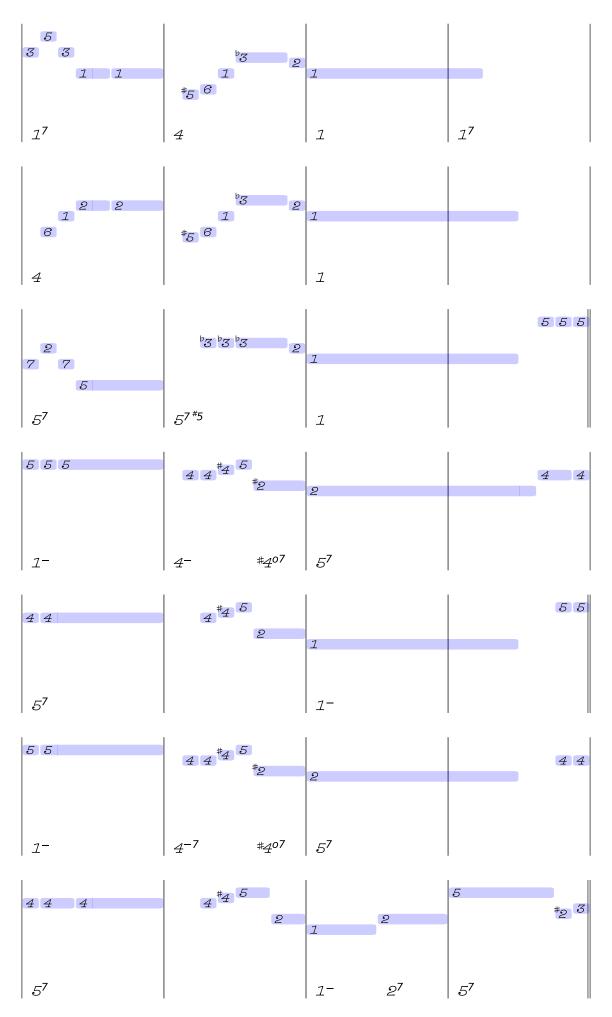


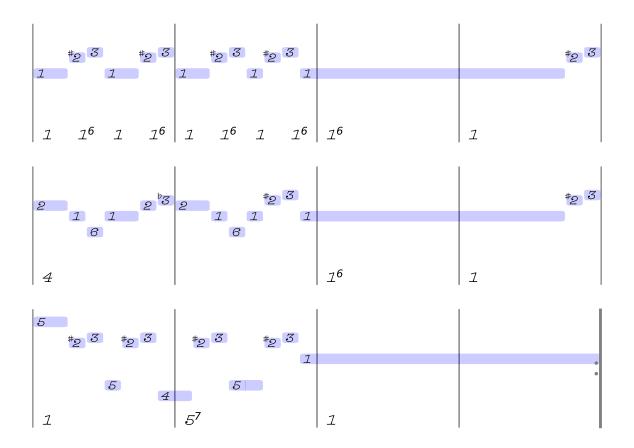


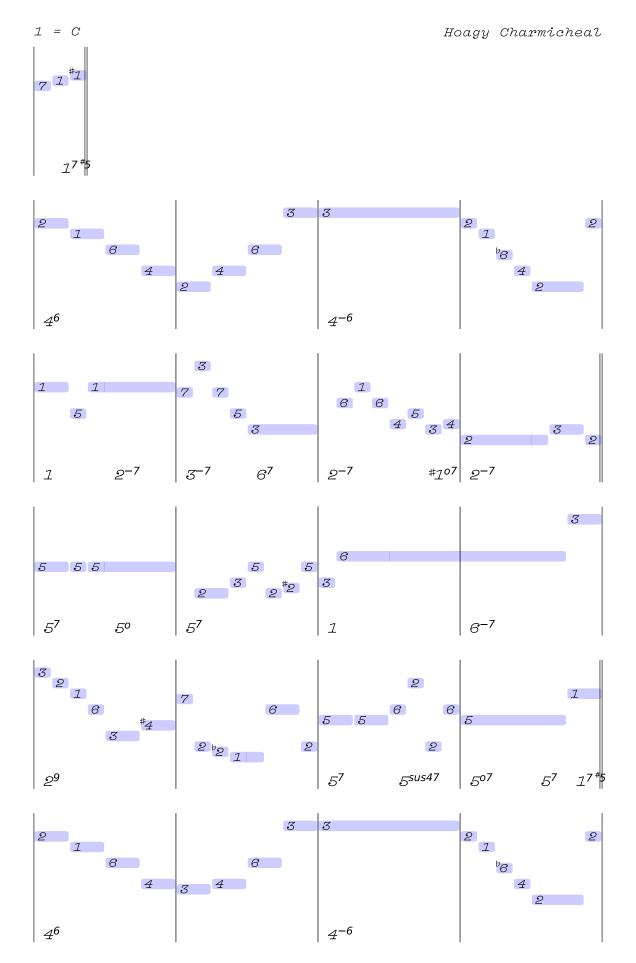
St James Infirmary

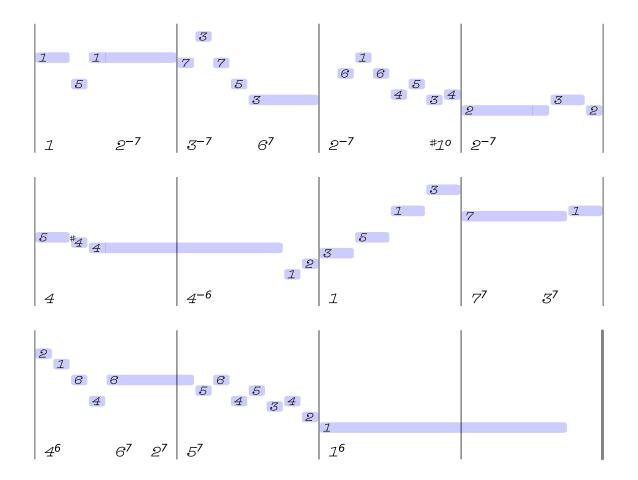




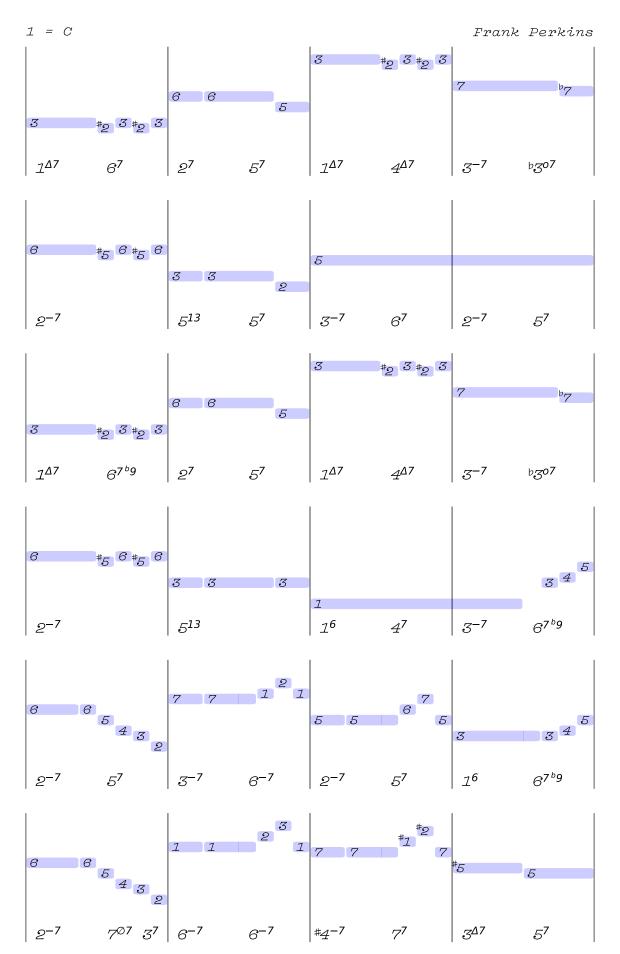


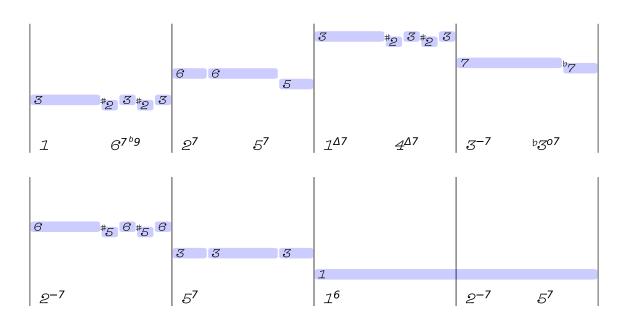




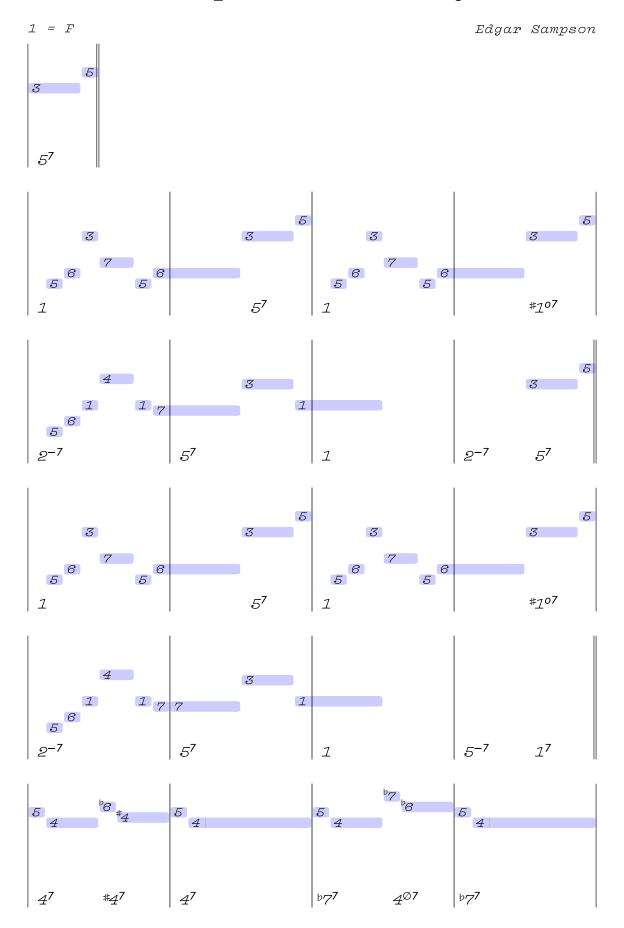


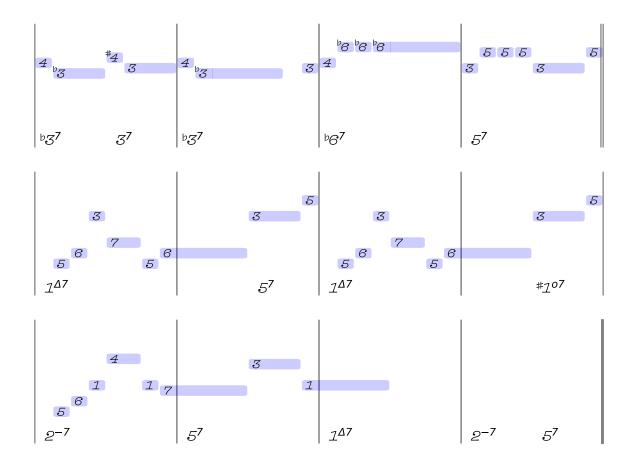
Stars Fell On Alabama



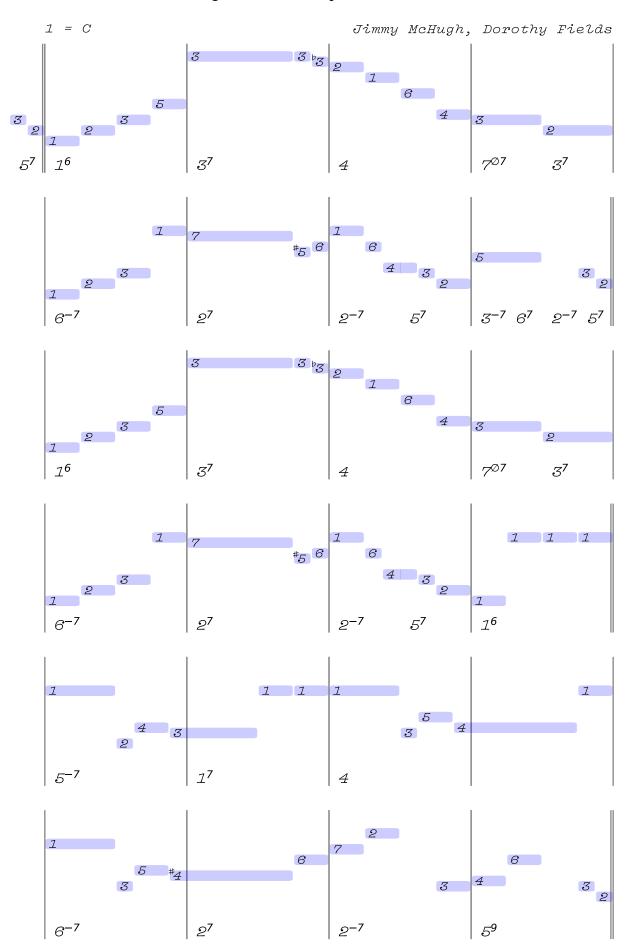


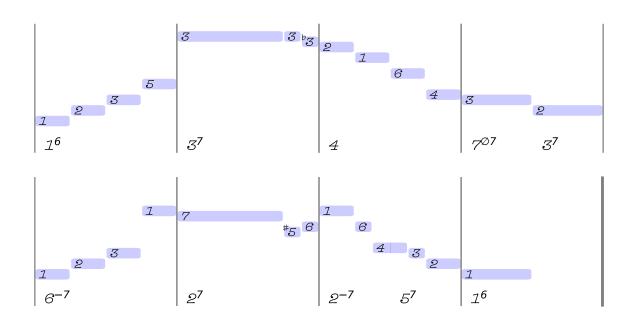
Stompin' at the Savoy

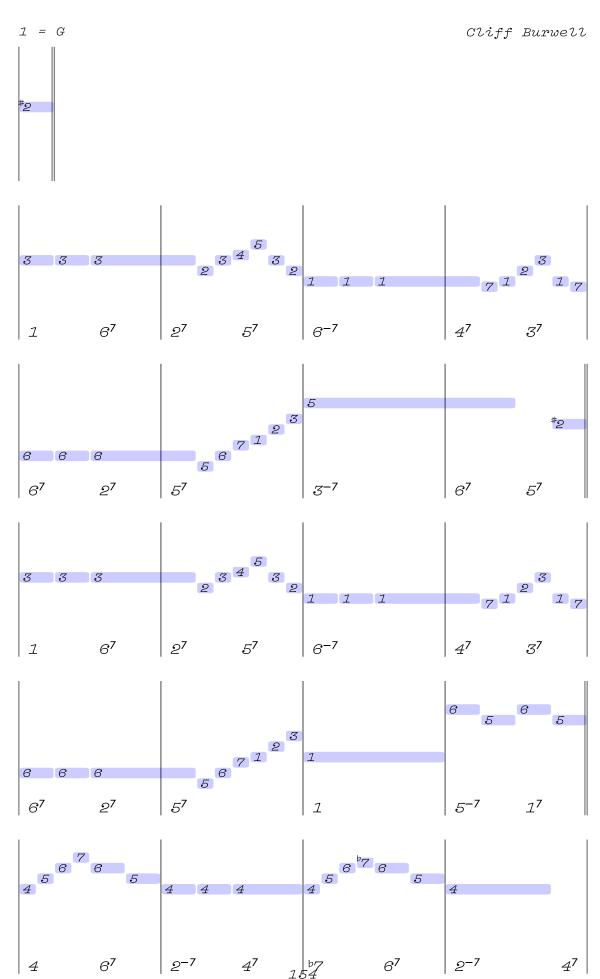


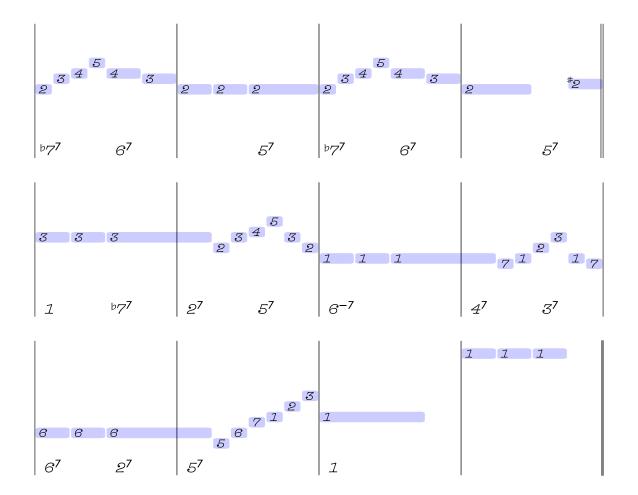


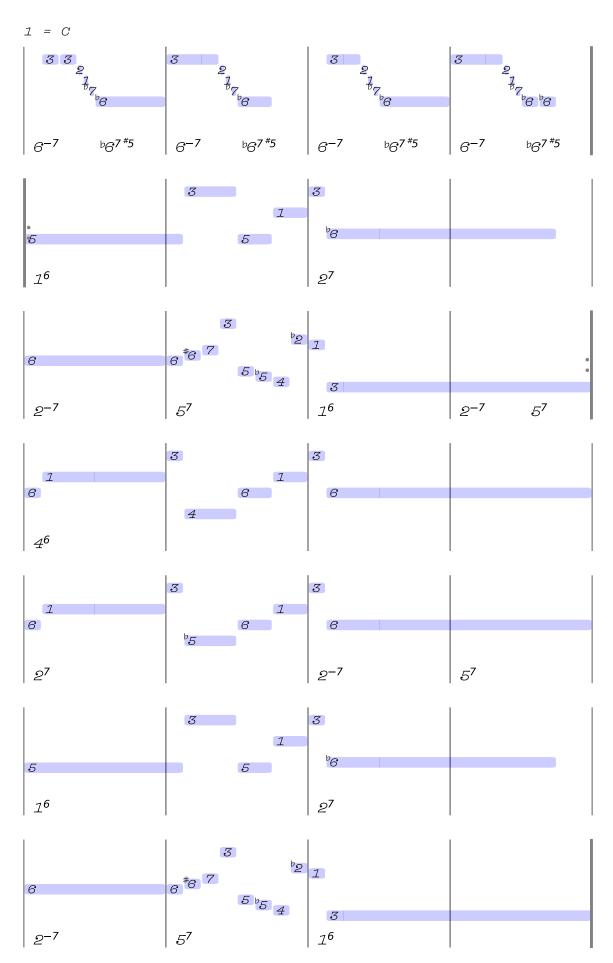
Sunny Side of the Street



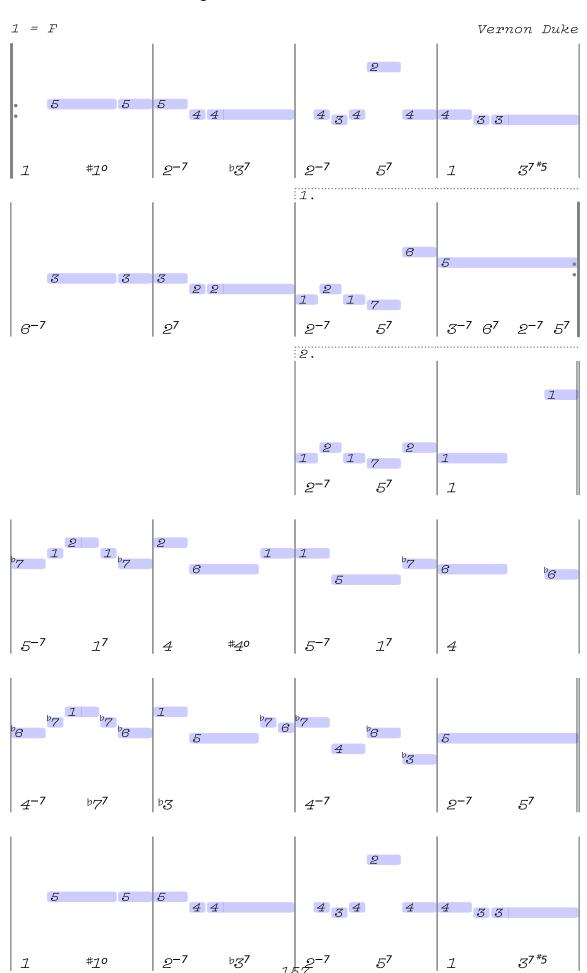




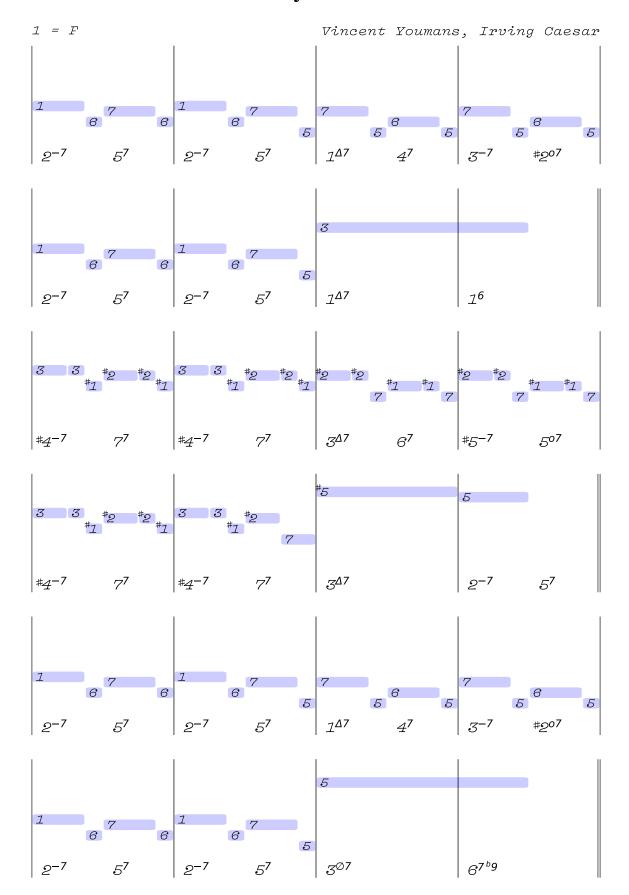


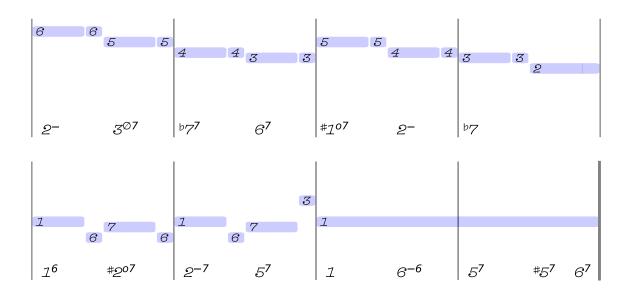


Taking a Chance on Love

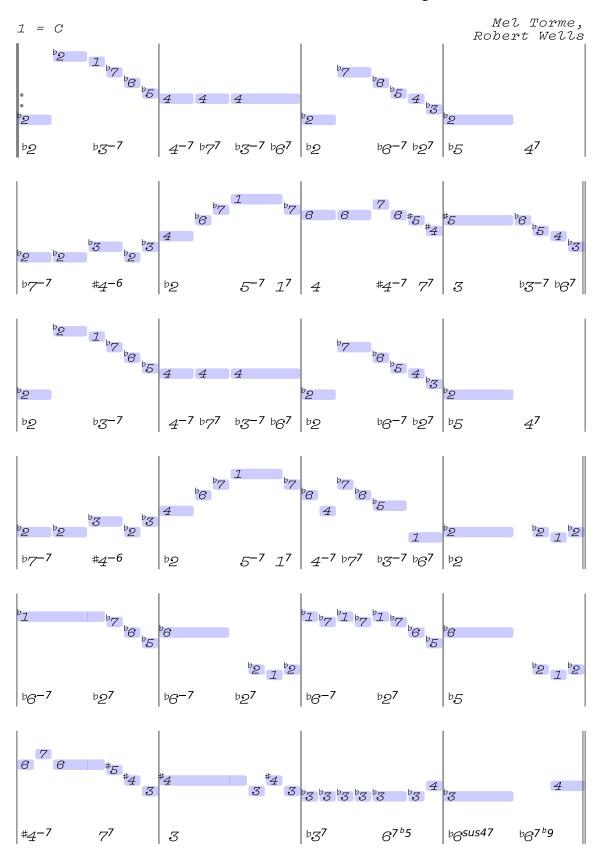


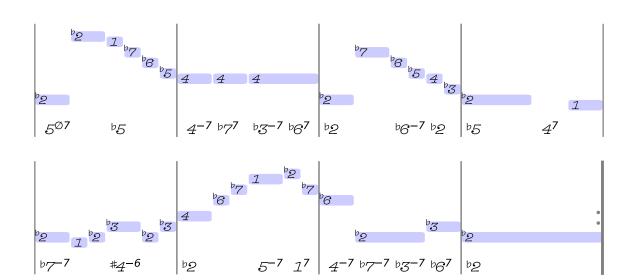
3 3 1 6	22	1 1 7	1
6-7	27	2 ⁻⁷ 5 ⁷	1



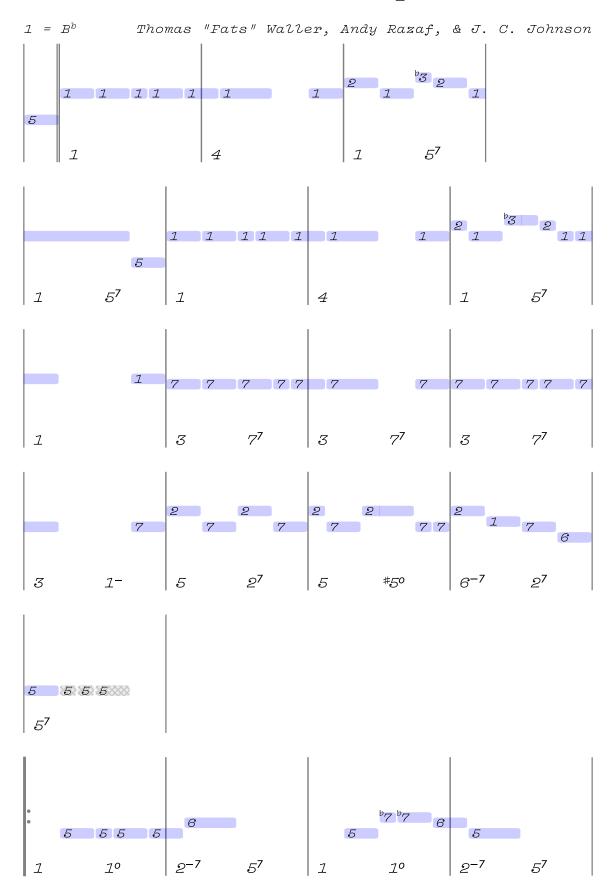


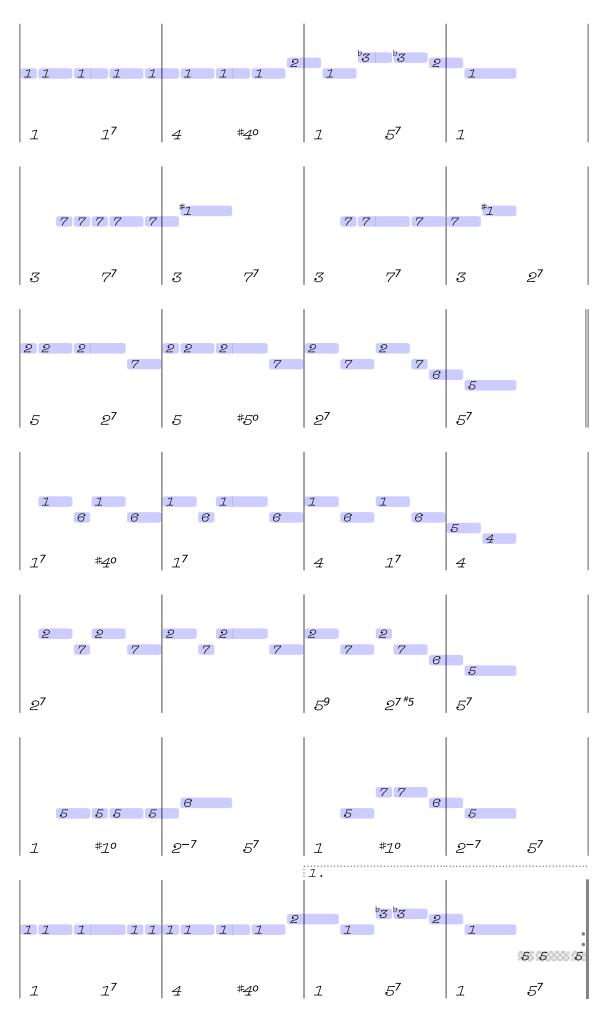
The Christmas Song

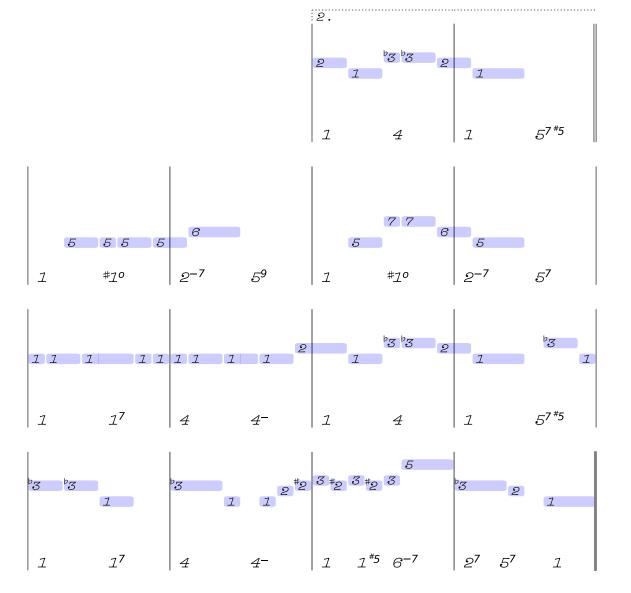




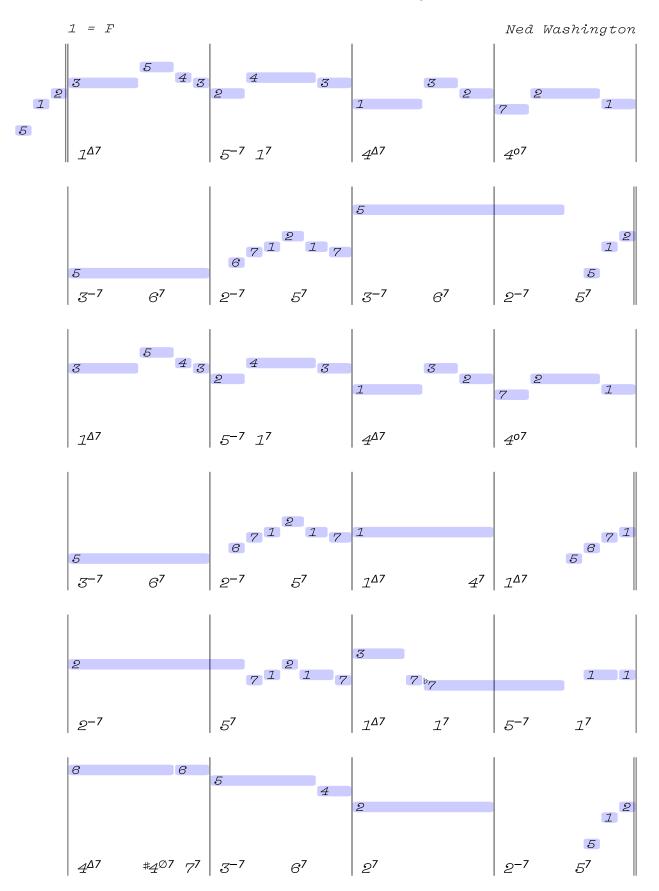
The Joint is Jumpin'

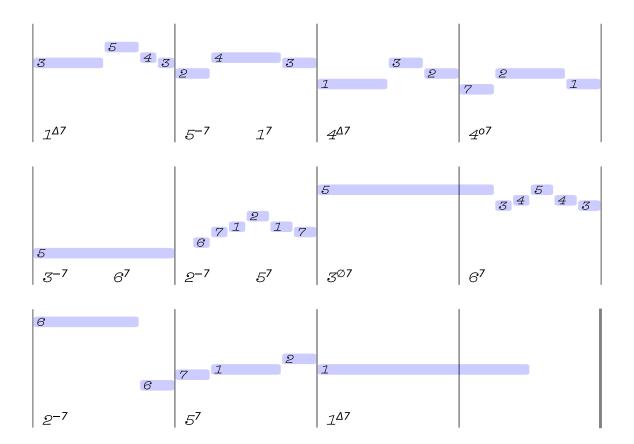


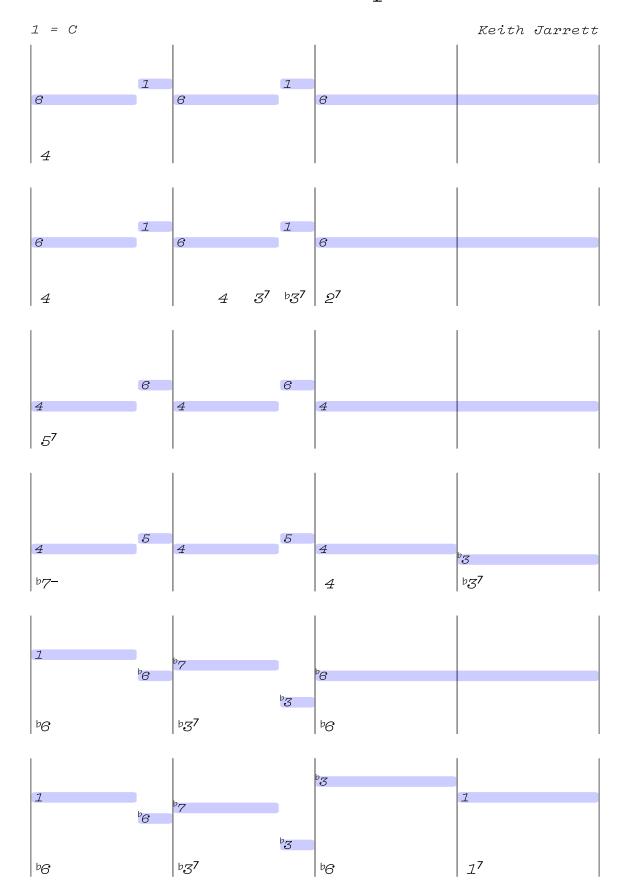


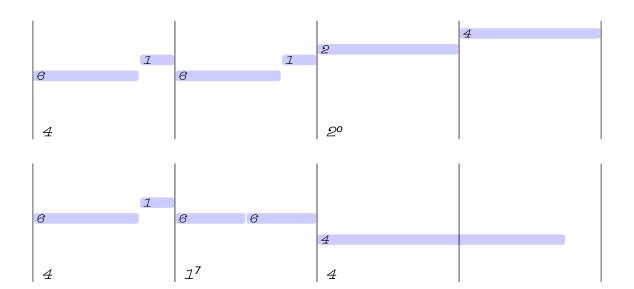


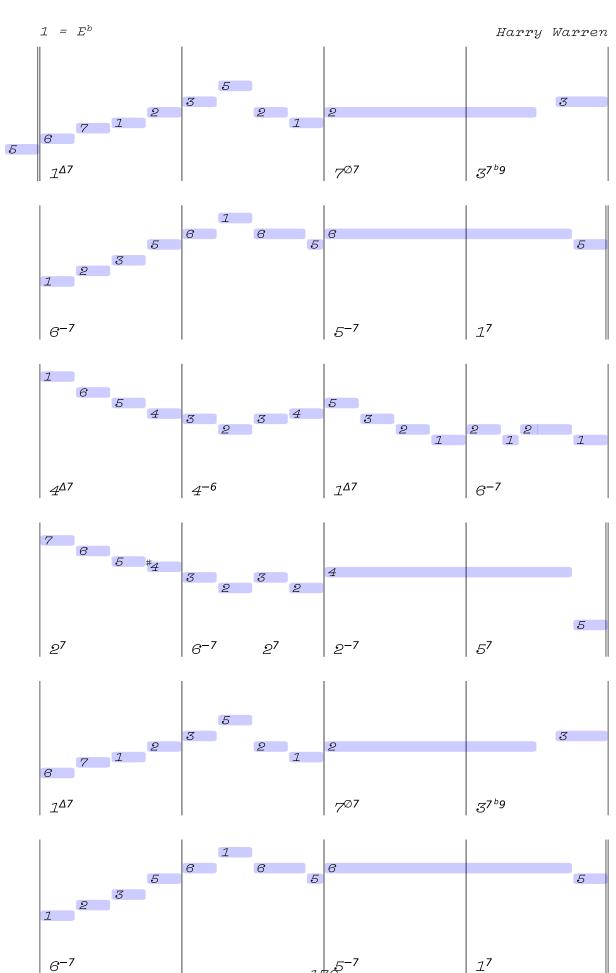
The Nearness of You

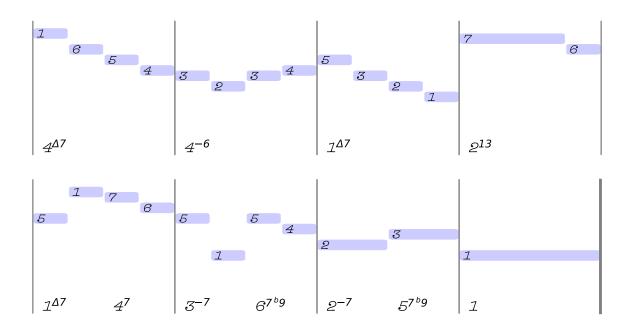


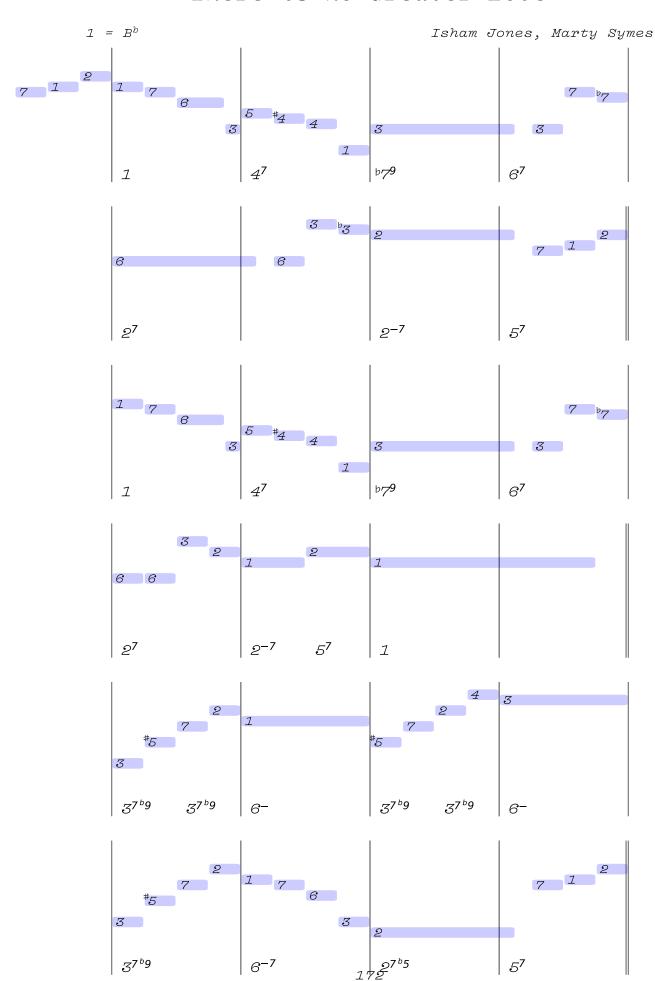


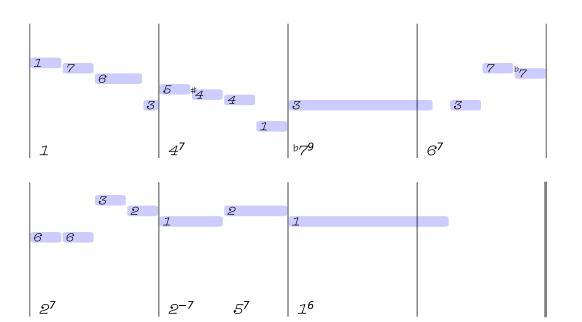




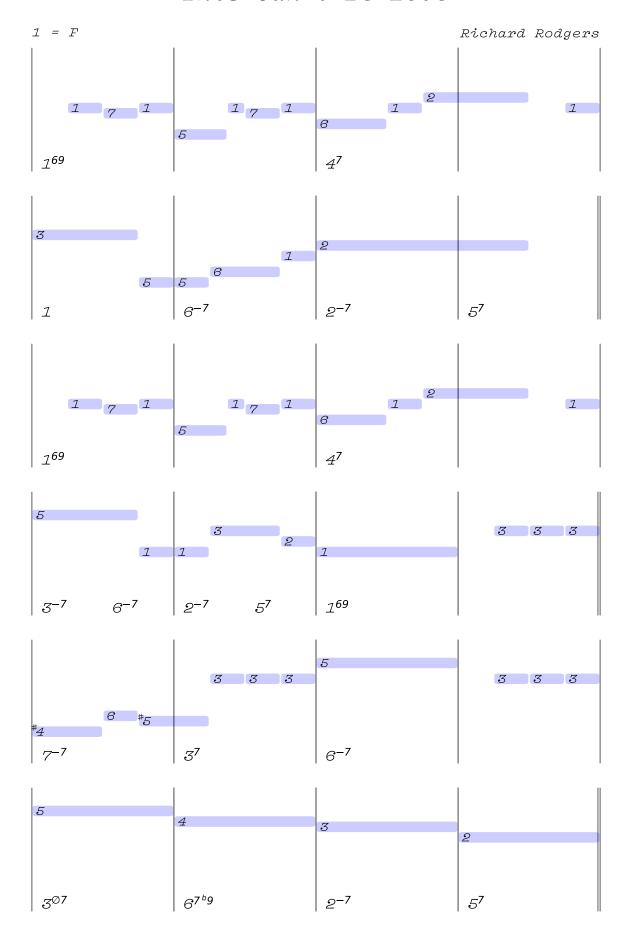


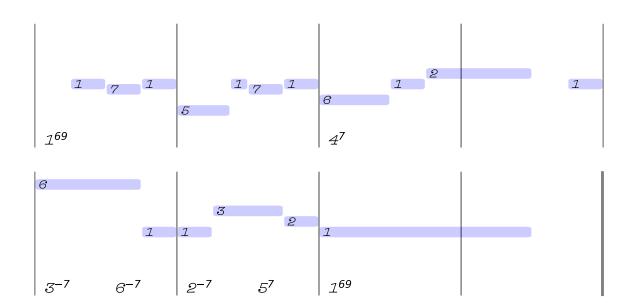


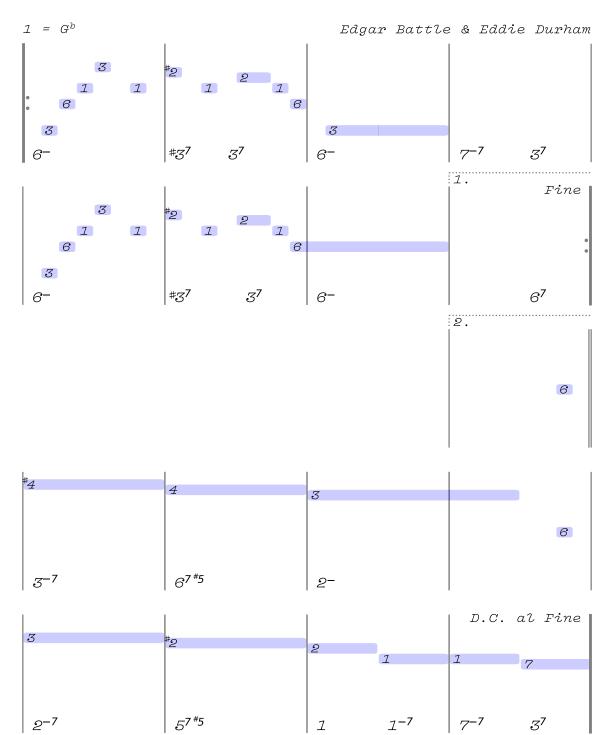




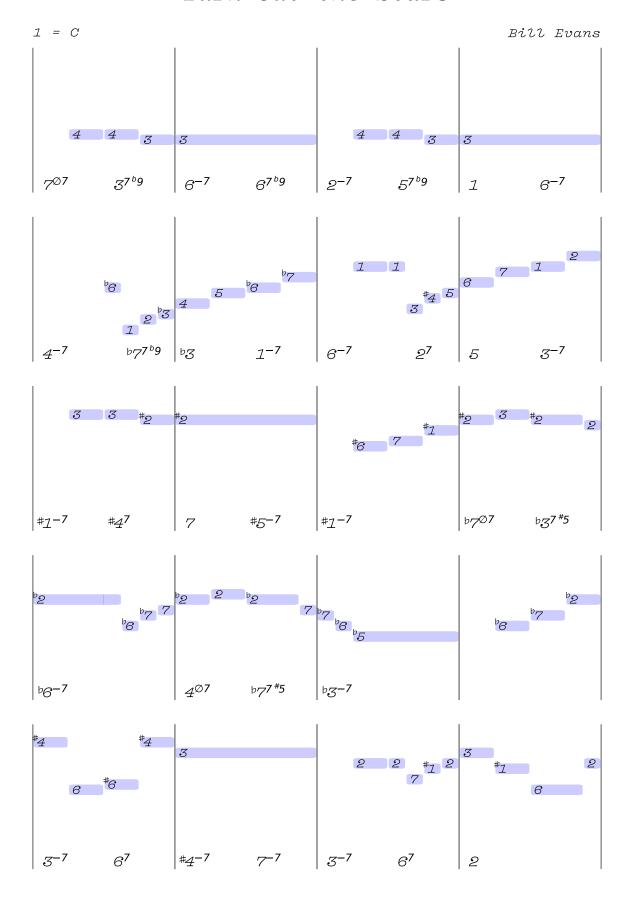
This Can't Be Love

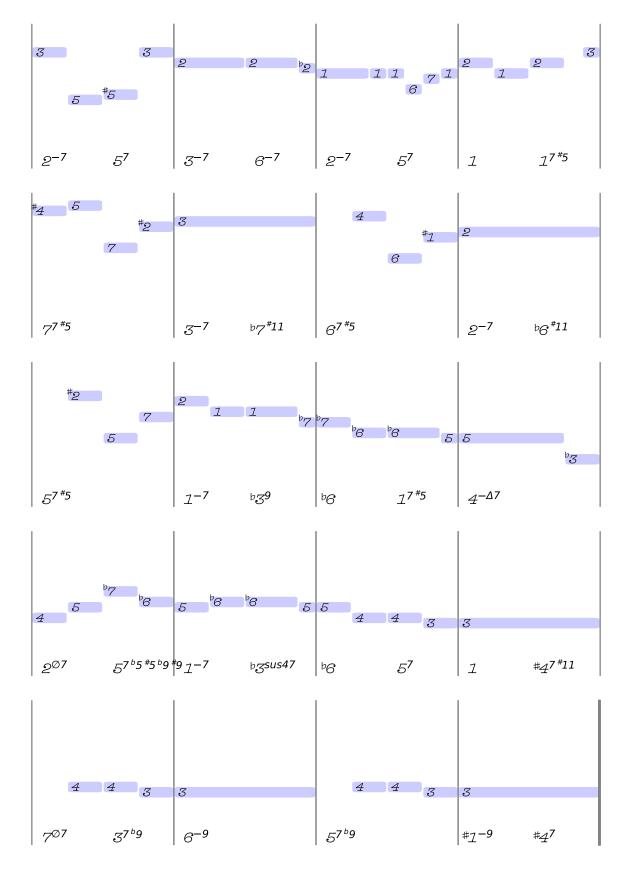




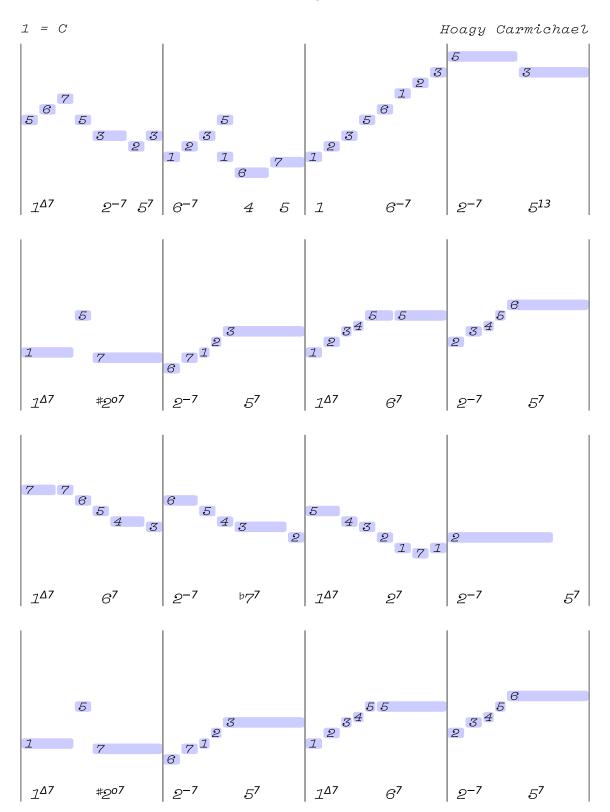


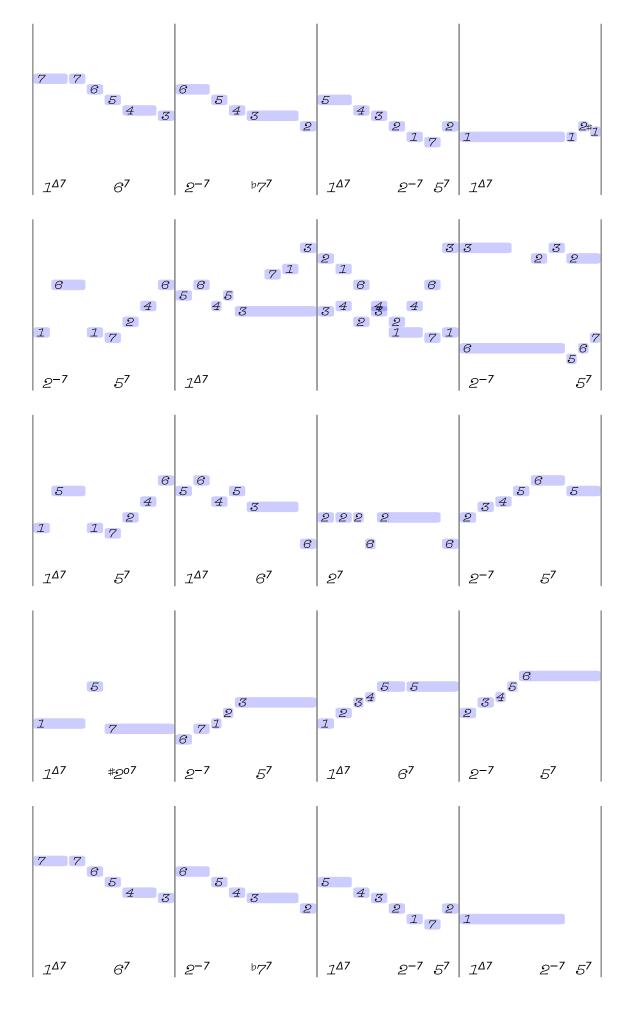
Turn Out the Stars

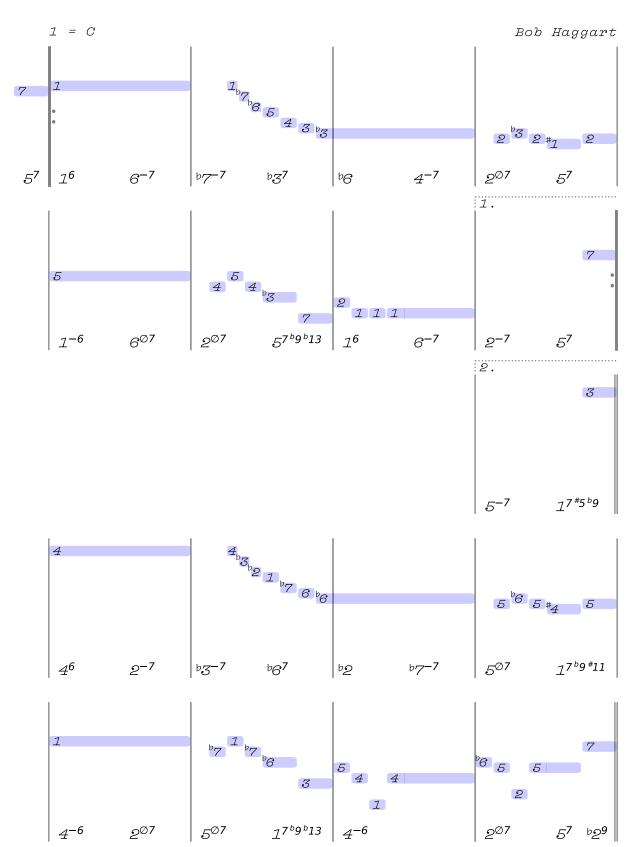


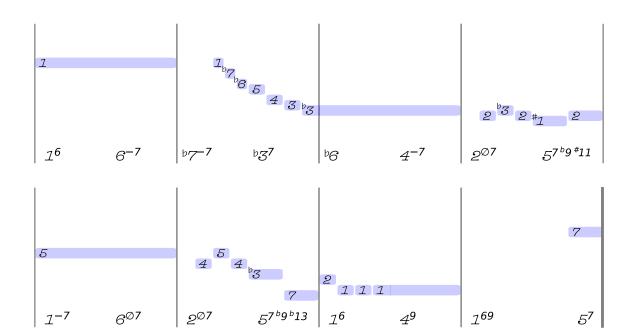


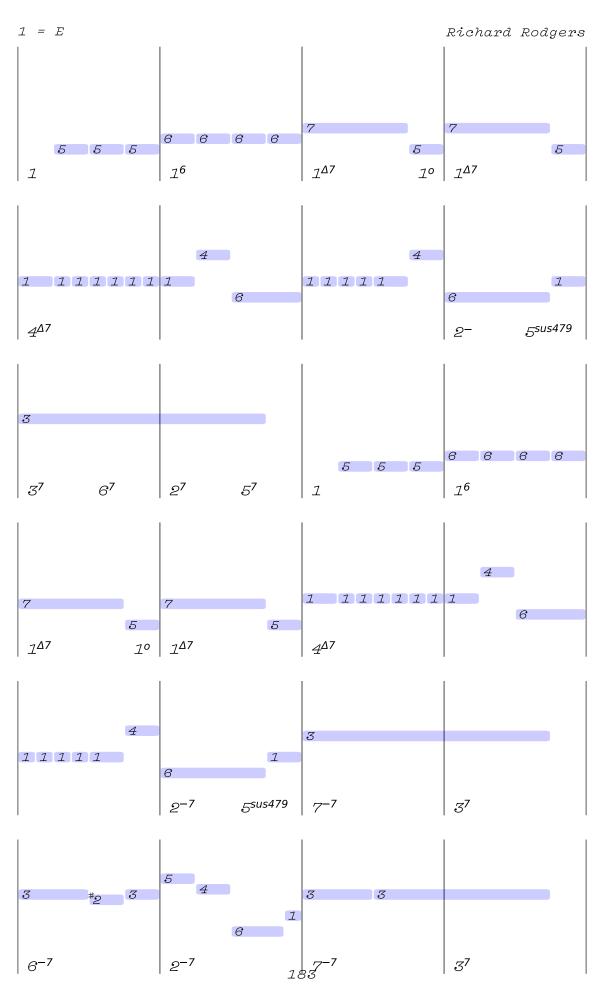
Two Sleepy People

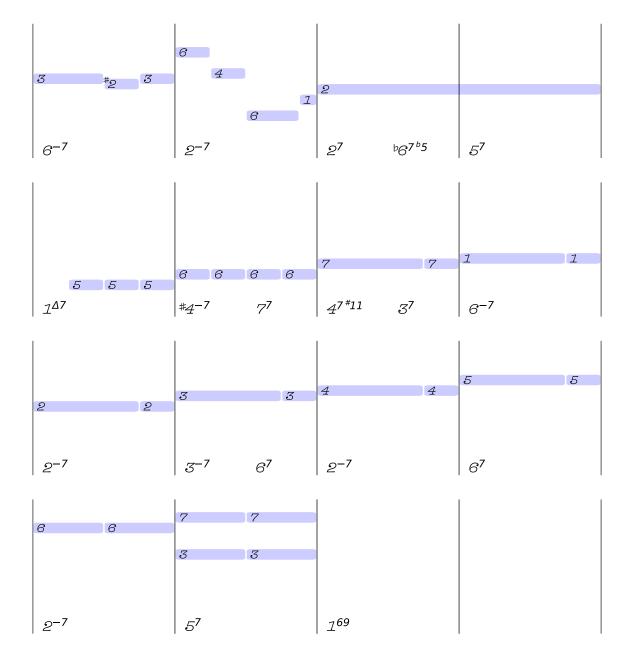




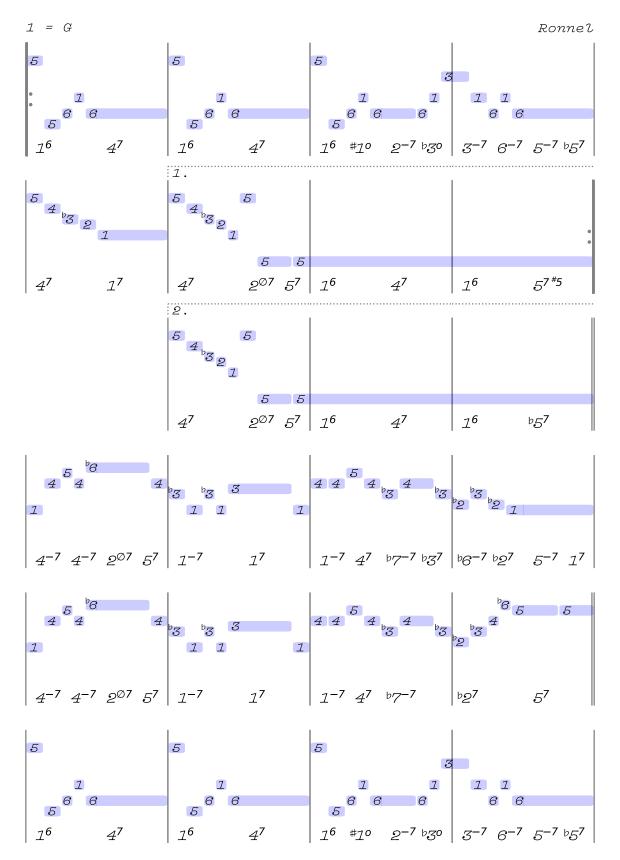


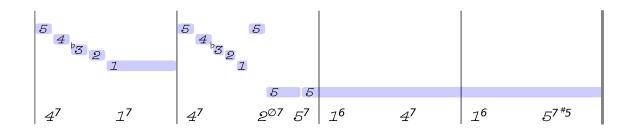




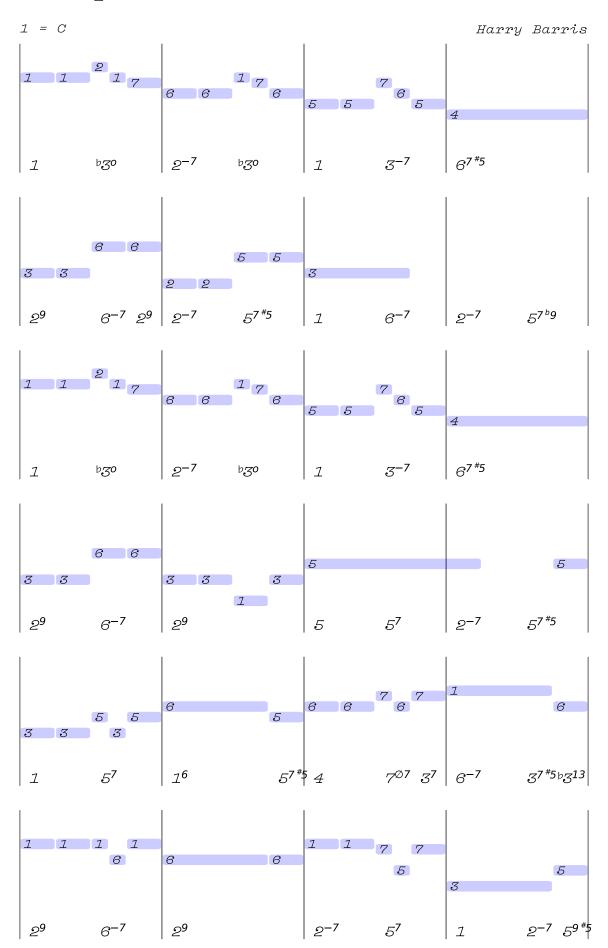


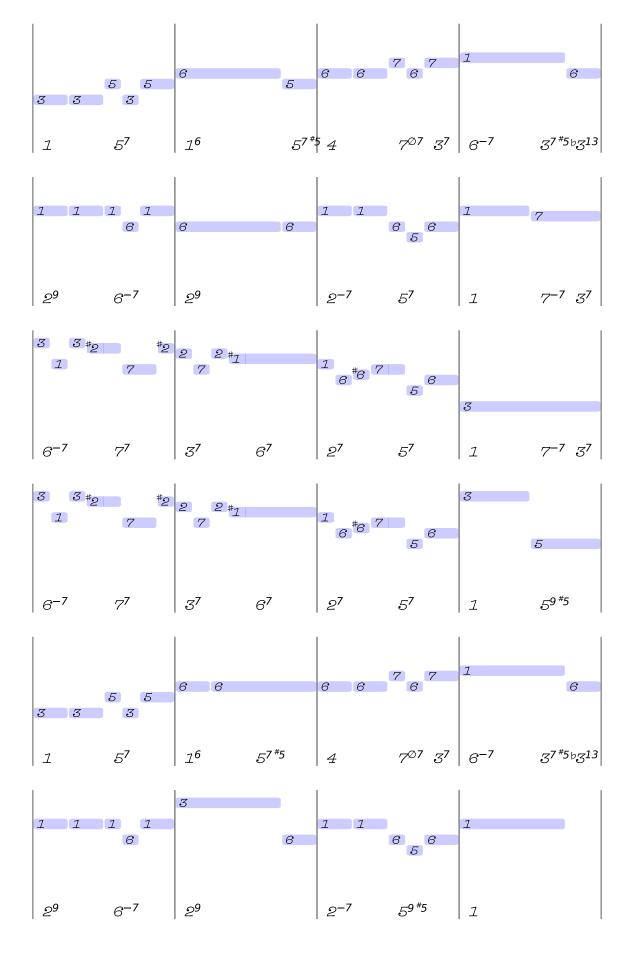
Willow Weep for Me



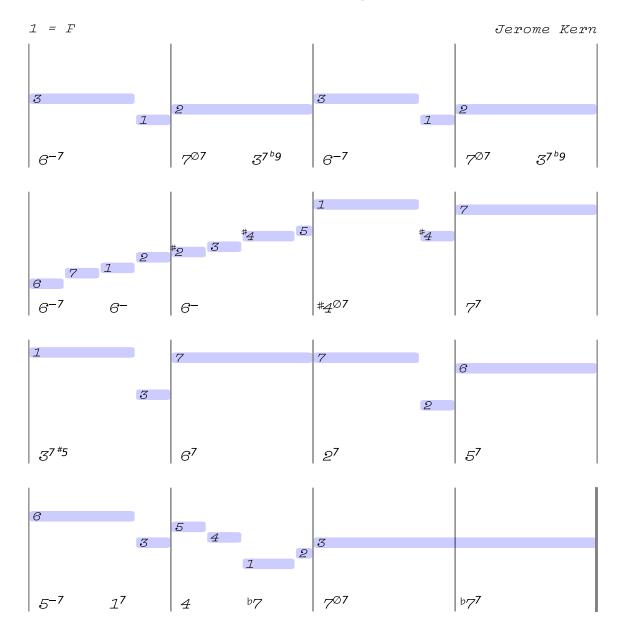


Wrap Your Troubles in Dreams verse





Yesterdays



You Go to my Head

