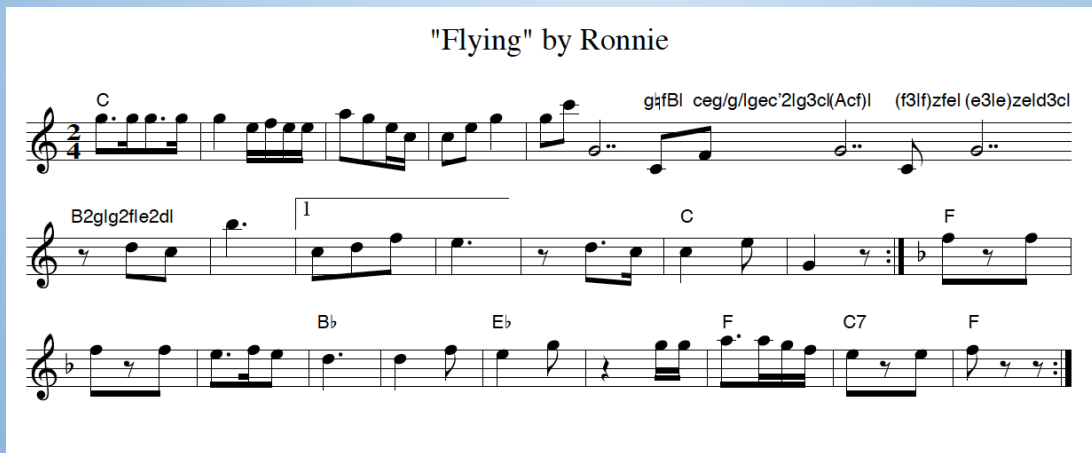


LSTM Neural Network (“Ronnie”) trained on sheet music

- The LSTM Neural Network (“Ronnie”) was trained using sheet music in .abc file format
- Due to the well-defined structure of sheet music, the LSTM trained 4x quicker on sheet music than it did on lyrics.
- The output of the model is sheet music in .abc file format, which can be converted into sheet music notation (below) and used to generate an audio file (please click on icon below to play)

"Flying" by Ronnie



The image displays three staves of sheet music for the piece "Flying" by Ronnie. The first staff begins with a treble clef and a 2/4 time signature. It contains several measures of music with notes and rests, and is accompanied by the chord symbols C, g#fB| ceg/g/lgec'2lg3c|(Acf)| (f3lf)zfel (e3le)zeld3cl. The second staff continues the melody, featuring a first ending bracket over two measures, followed by a repeat sign and a key signature change to one flat (Bb). The third staff continues the piece with notes and rests, accompanied by the chord symbols B2glg2fle2dl, Bb, Eb, F, C7, and F. The music concludes with a double bar line.

