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* <https://magenta.tensorflow.org/>
* [Generate music with an RNN  |  TensorFlow Core](https://www.tensorflow.org/tutorials/audio/music_generation#:~:text=Generate%20music%20with%20an%20RNN%201%20Setup%20This,train%20the%20model%20...%208%20Generate%20notes%20)
* [https://cs229.stanford.edu/proj2018/report/18.pdf](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcs229.stanford.edu%2Fproj2018%2Freport%2F18.pdf&data=05%7C01%7Cramonola%40roehampton.ac.uk%7C2340b99281c343979e5c08daac614b72%7C5fe650635c3747fbb4cce42659e607ed%7C0%7C0%7C638011831112540390%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=zCkZiNyg22uliE2gaR8W%2FbAZ091bhOxTse5NEe5BWoc%3D&reserved=0)
* <https://www.youtube.com/playlist?list=PL-wATfeyAMNr0KMutwtbeDCmpwvtul-Xz>
* [45871.pdf (googleusercontent.com)](https://static.googleusercontent.com/media/research.google.com/en/pubs/archive/45871.pdf)
* [IJISRT22MAY250\_(1).pdf](https://ijisrt.com/assets/upload/files/IJISRT22MAY250_(1).pdf)
* [Music Generation for Novices Using Recurrent Neural Network (RNN) | IEEE Conference Publication | IEEE Xplore](https://ieeexplore.ieee.org/document/9633906)
* [(PDF) Music transcription modelling and composition using deep learning (researchgate.net)](https://www.researchgate.net/publication/301818301_Music_transcription_modelling_and_composition_using_deep_learning)
* https://emerj.com/ai-sector-overviews/musical-artificial-intelligence-6-applications-of-ai-for-audio/