

Chapter 2

Advanced Quantum Mechanics of Spin

<https://www.youtube.com/watch?v=vukOpGdvpys> (<https://tinyurl.com/ym7sk5pc>)

Eighth Stern-Gerlach Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_1-08_al_intro.html
(<https://bit.ly/44T3xYa>)

Ninth Stern-Gerlach Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_1-09_al_known_states.html (<https://bit.ly/4oOnYfW>)

Tenth Stern-Gerlach Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_1-10_al_classical_vs_quantum.html (<https://bit.ly/4qalt97>)

Eleventh Stern-Gerlach Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_1-11_watching.html (<https://bit.ly/4962EOp>)

Double Analyzer Loops

<https://youtu.be/SYcco4NKYso?si=wMz8J9ly1Xswvwxm> (<https://tinyurl.com/369wvaje>)

Twelfth Stern-Gerlach Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_1-12_delayed_choice.html (<https://bit.ly/3XQhF0r>)

Can We Trick Nature

https://www.youtube.com/watch?v=awq_zWW7bsc (<https://tinyurl.com/bde9jss3>)

Einstein's Spooky Action at a Distance

<https://www.youtube.com/watch?v=m6Yqu8v6XGY> (<https://tinyurl.com/2t6z67fd>)

EPR Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_2-01_epr.html
(<https://bit.ly/3Mtn7nH>)

Bell's Theorem

<https://www.youtube.com/watch?v=FtU3pP840tY> (<https://tinyurl.com/yc3etuck>)

First Bell Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_2-02_bell_intro.html (<https://bit.ly/455Smvg>)

Second Bell Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_2-03_bell_quantum.html (<https://bit.ly/3XQkQW6>)

Third Bell Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_2-04_bell_determinism.html (<https://bit.ly/4jcbaPD>)

Fourth Bell Tutorial

https://courses.edx.org/asset-v1:GeorgetownX+PHYX-008-01x+2T2020+type@asset+block/sge_exp_2-05_bell_test.html
(<https://bit.ly/4prTP7o>)

Nuclear Magnetic Resonance

https://www.youtube.com/watch?v=-_CMsDdz2ik (<https://tinyurl.com/56nnukrt>)

Hey Doc, the MRI uses Quantum Mechanics

<https://www.youtube.com/watch?v=jMkJnkfepUU> (<https://tinyurl.com/2f6mdv6r>)