Independent Research Project Imperial College Wave Propagation with Neural Network 1 1,um 2020 8, hum 2020 15, hum 2020 27, hum Hao Lu 100% 1/6/20 26/6/20 Design and justify project compositions 100% 1/6/20 4/6/20 Review numerical methods for wave propagation probl 100% 5/6/20 12/6/20 100% 12/6/20 26/6/20 Finishing project plan 100% 15/6/20 26/6/20 Develop and test scripts in ANSYS for shock wave propagations 0% 27/6/20 4/7/20 0% 1/7/20 6/7/20 7/7/20 10/7/20 Massively generate data Analyse generated data and pre-processing 0% 11/7/20 14/7/20 18/7/20 31/7/20 0% 24/7/20 31/7/20 0% 1/8/20 3/8/20 Post processing and writing the report

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> 0% 24/8/20 28/8/20

Review the report and final check