

## Copyright release

I, *Arulmurugan Senthilnathan*, claim the copyright of my dissertation “***Exploring the stochastic performance of metallic microstructures with multi-scale models***” submitted to the faculty of the Virginia Polytechnic Institute and State University in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Mechanical Engineering on May 1, 2023. I hereby request the graduate school of Virginia Polytechnic Institute and State University to provide open and immediate access to read my dissertation to the public. I and my committee chair (Prof. Pinar Acar) reserve the ownership rights to all the contents of my dissertation. We also reserve the right to use the presented work from the dissertation in our future works. Anybody who is interested in using our dissertation work for their research/commercial purposes shall require permission from both me and Prof. Pinar Acar.