

# Effects of Raster Angle on the Elasticity of 3D-Printed Polylactic Acid and Polyethylene Terephthalate Glycol

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The steps of using subroutines in ANSYS Autodyn are as follows:

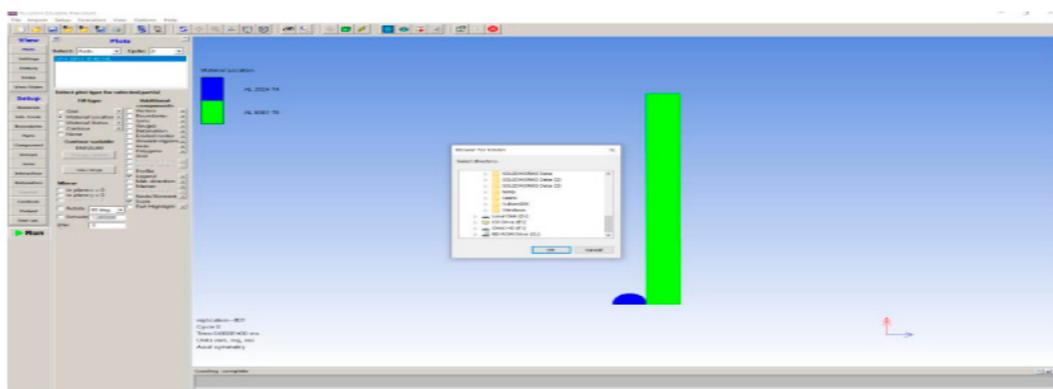
**Step 1:** Within Autodyn, select Options > Create User-Subroutine Project and select the location where the subroutine folder is to be created;

**Step 2:** Go to this folder location and open ad\_usrsub.sln with Visual Studio 2017;

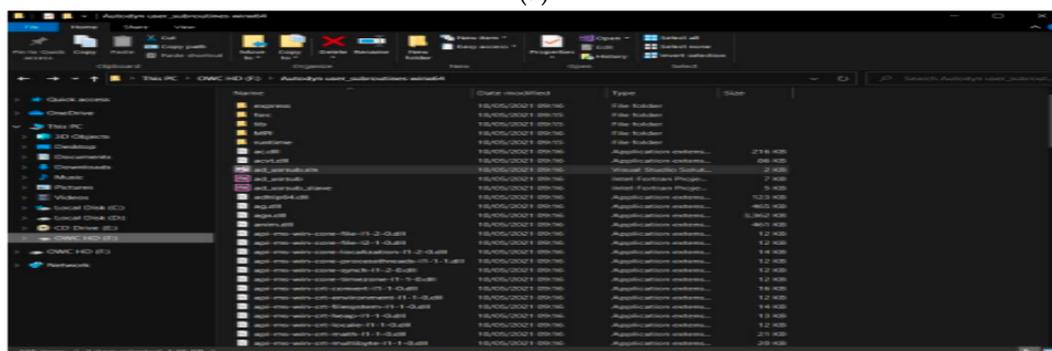
**Step 3:** Locate the file to be edited within the fsrc folder;

**Step 4:** Build the solution and the code compiles.

Figure S1 shows the steps of using subroutines in ANSYS.



(a)



(b)

Figure S1. The steps of using subroutines in ANSYS.