2.1 Generate Turbulence Samples
2.2 Define Blade Loads Surrogates
2.3 Calculate Steady-State Turbine Inflow Wind Speed
2.4 Calculate Turbulence Intensities Across the Blade
2.5 Calculate Blade Wind Speeds

2.6 Turbulence and Azimuth Loop

2.7 Calculate Turbulent Turbine Inflow Wind Speed
2.8 Calculate Rotational Speed and Pitch Angle
2.9 Calculate Turbulent Bending Moments

Radial Damage Location Loop

2.10 Radial Damage Location Loop

2.11 Convert Bending Moments to Stresses
2.12 Calculate Damage

2.13 Return Maximum Damage