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#### **4. Conclusions**

A case study is presented as a methodology linked with the theory on which the optimisation software is based.

A well established methodology is used in order to optimise parts for any device under load.

The importance of taking into account anisotropy in loads, geometry and properties is remarked upon and explained as well as a working methodology being proposed.

The paper combines several concepts and technologies in order to improve the use of the tools and expertise regarding Structural Optimisation, AM technologies and Stress Analysis taking into account anisotropic properties.

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