

DESIGN E MODELAGEM 3D COMO OTIMIZADORES DA REALIZAÇÃO PROJETUAL

Universidade Federal do Rio de Janeiro

Centro de Letras e Artes

Escola de Belas Artes

XXXVIII Jornada Giulio Massarani de Iniciação Científica

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Núcleo de Arte e Novos Organismos – NANO



Estruturas personalizadas: garantir a realização fiel do conceito projetual;

Prototipagem rápida: adequar-se ao método de fabricação;

Organização: facilitar o acesso aos arquivos;

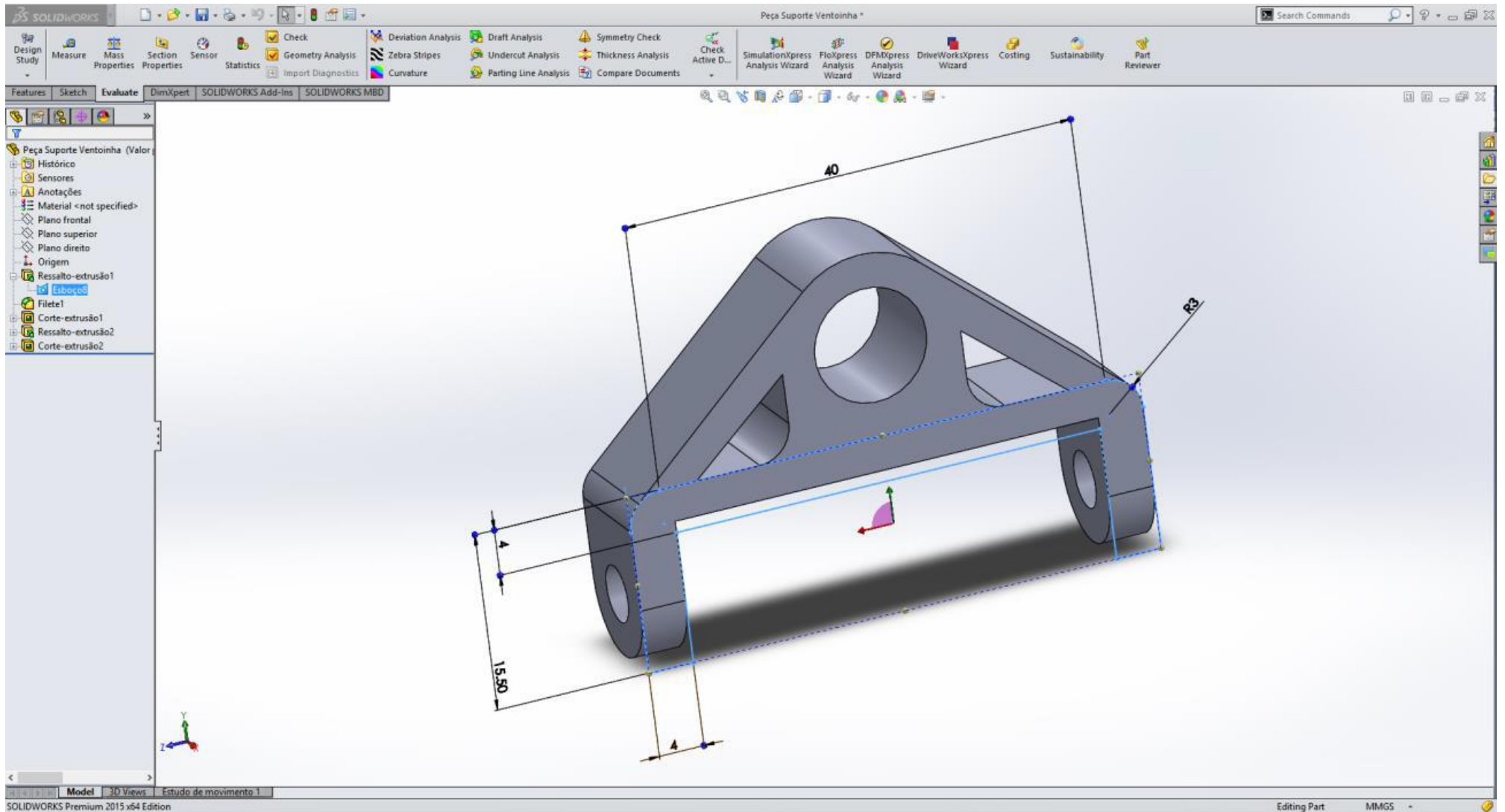
Hierarquização da montagem: facilitar a compreensão e edição das peças;

Comunicação: estabelecer o elo entre a modelagem e a fabricação;

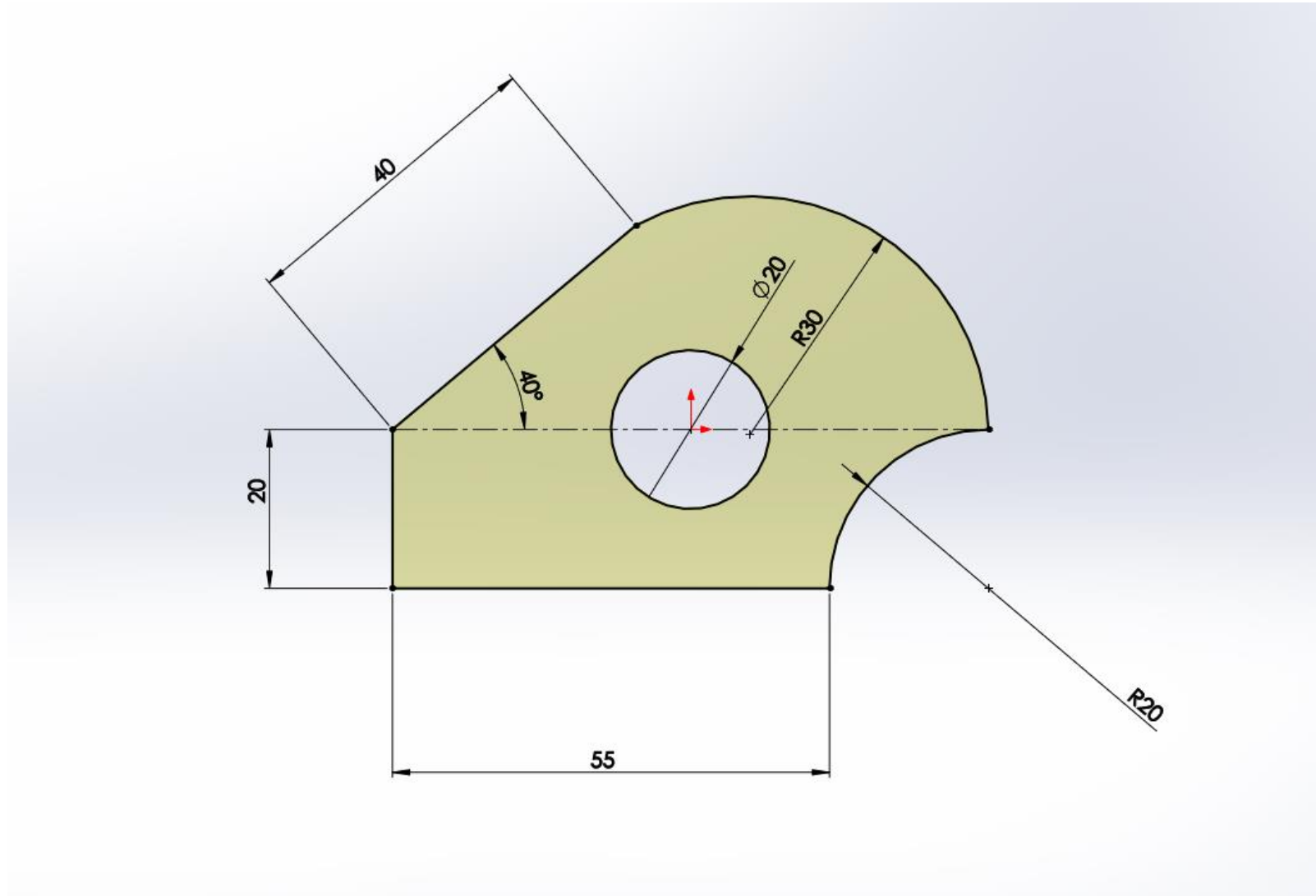
Problemas e Objetivos



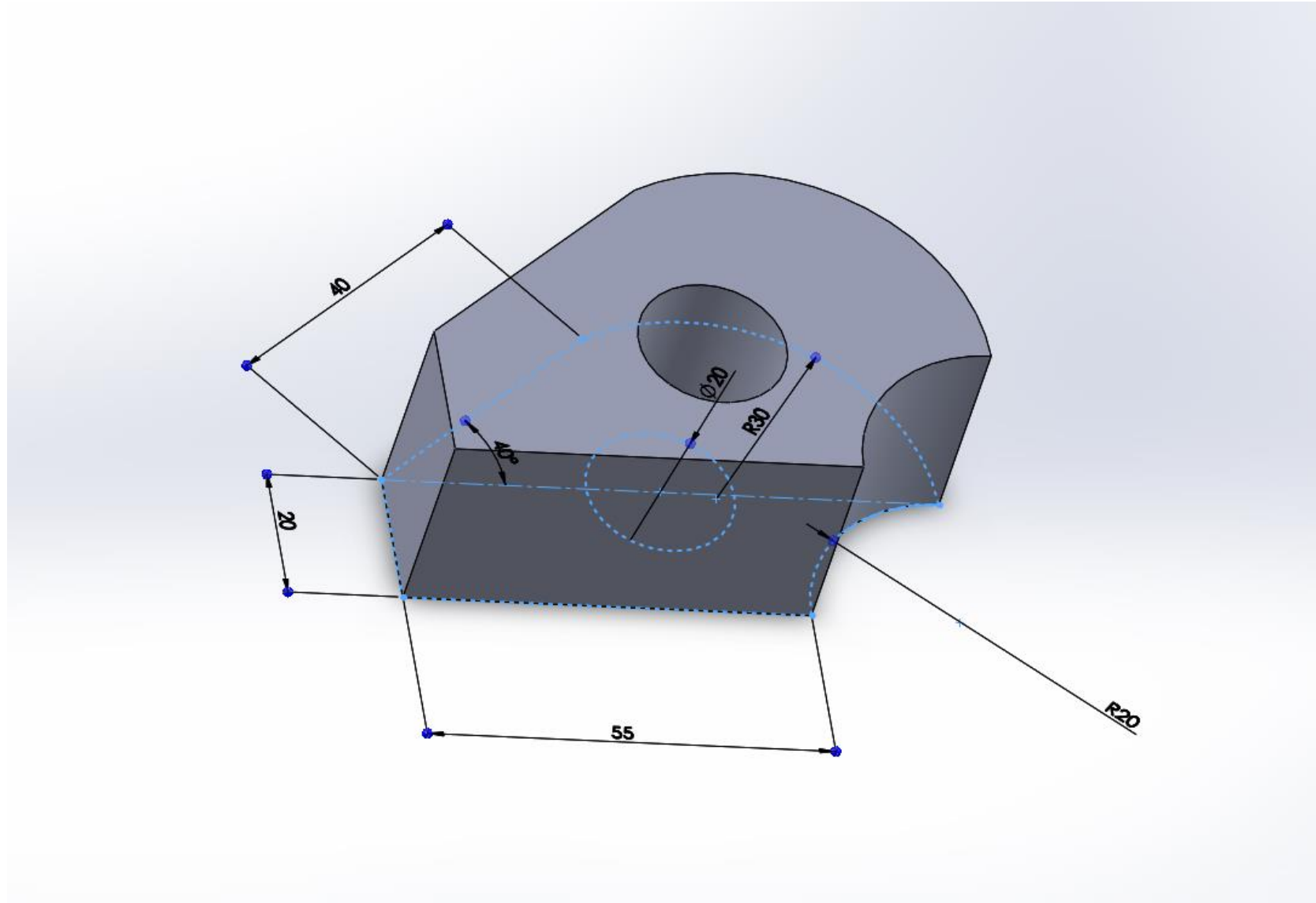
Software



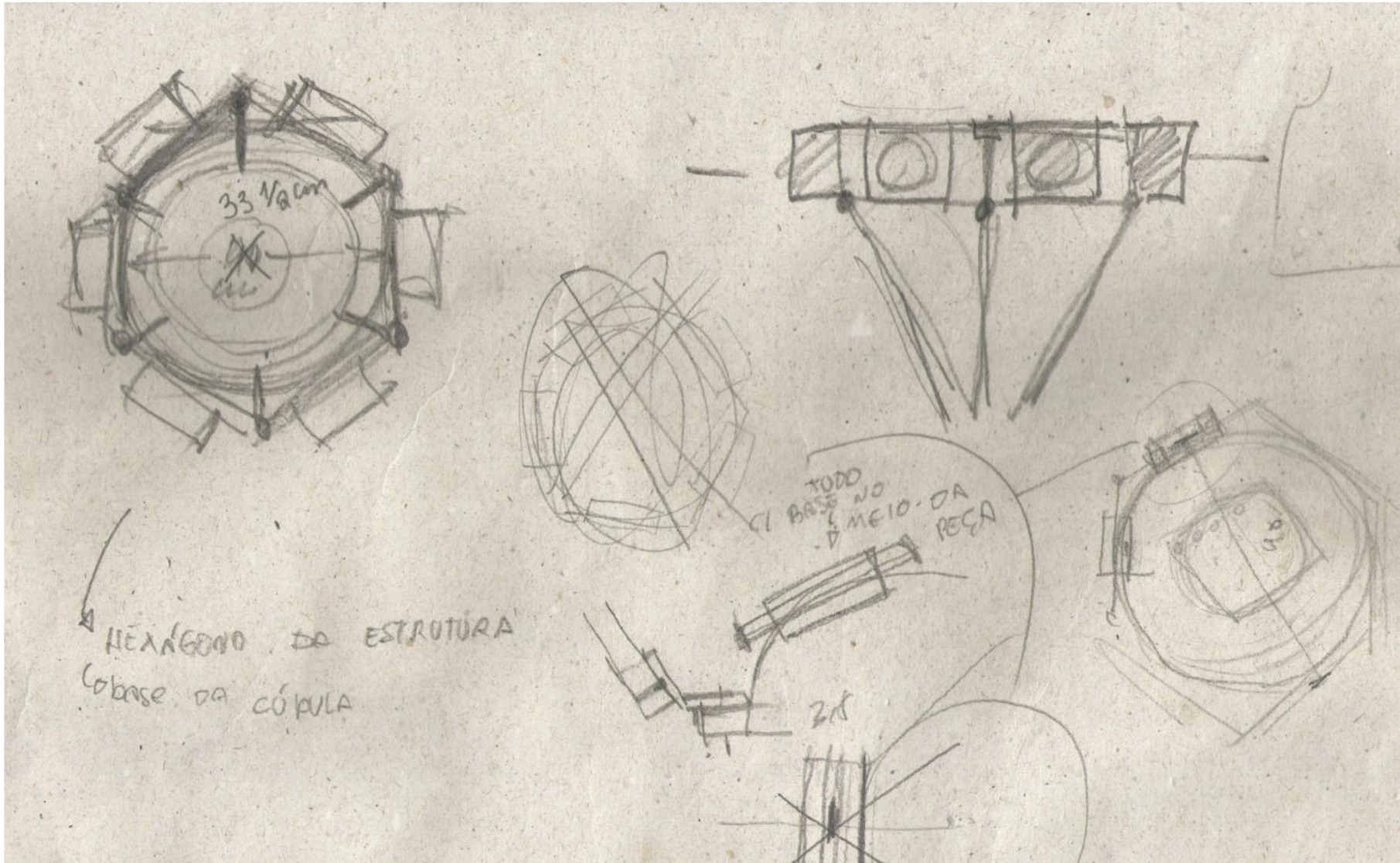
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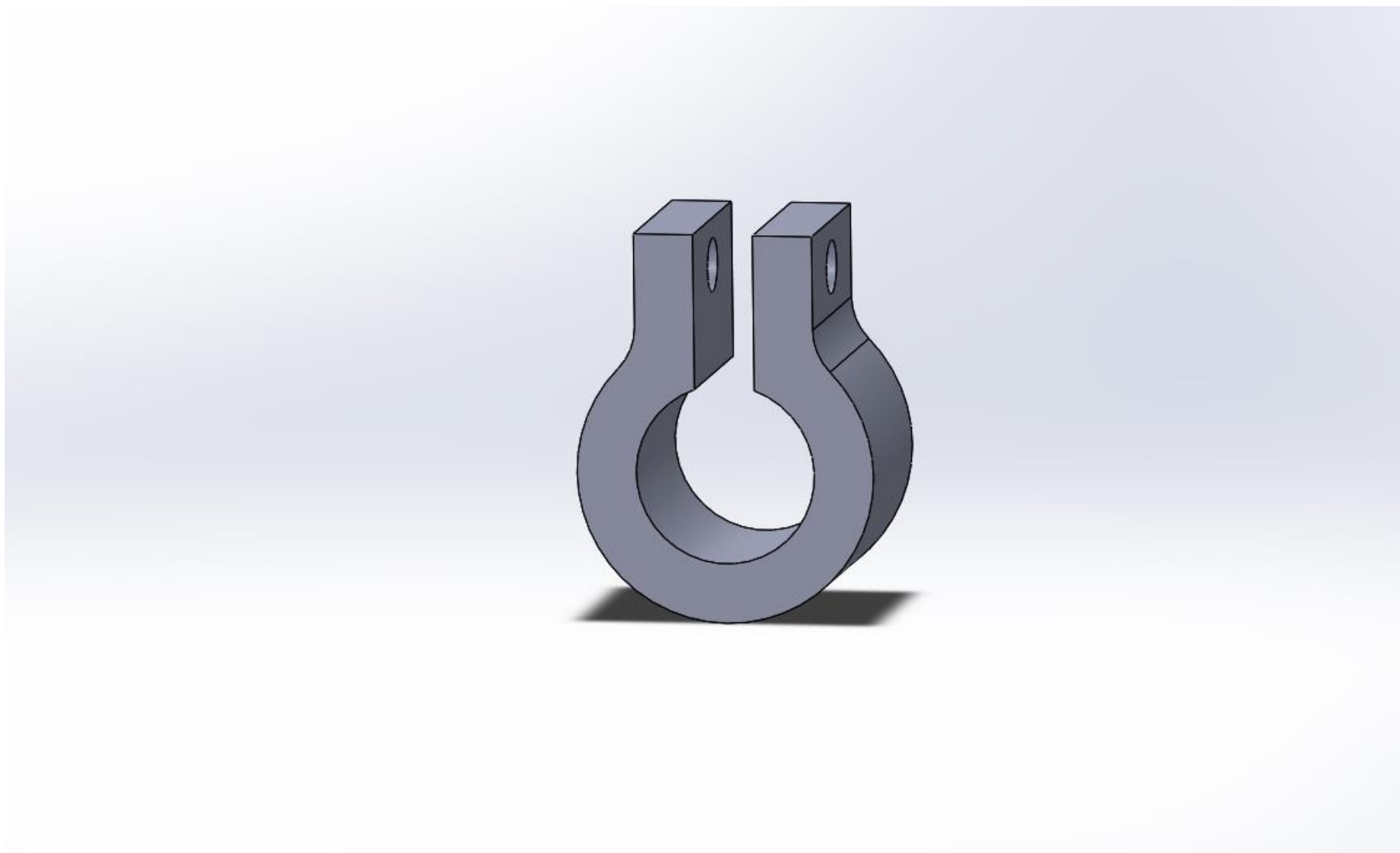
Software



Software



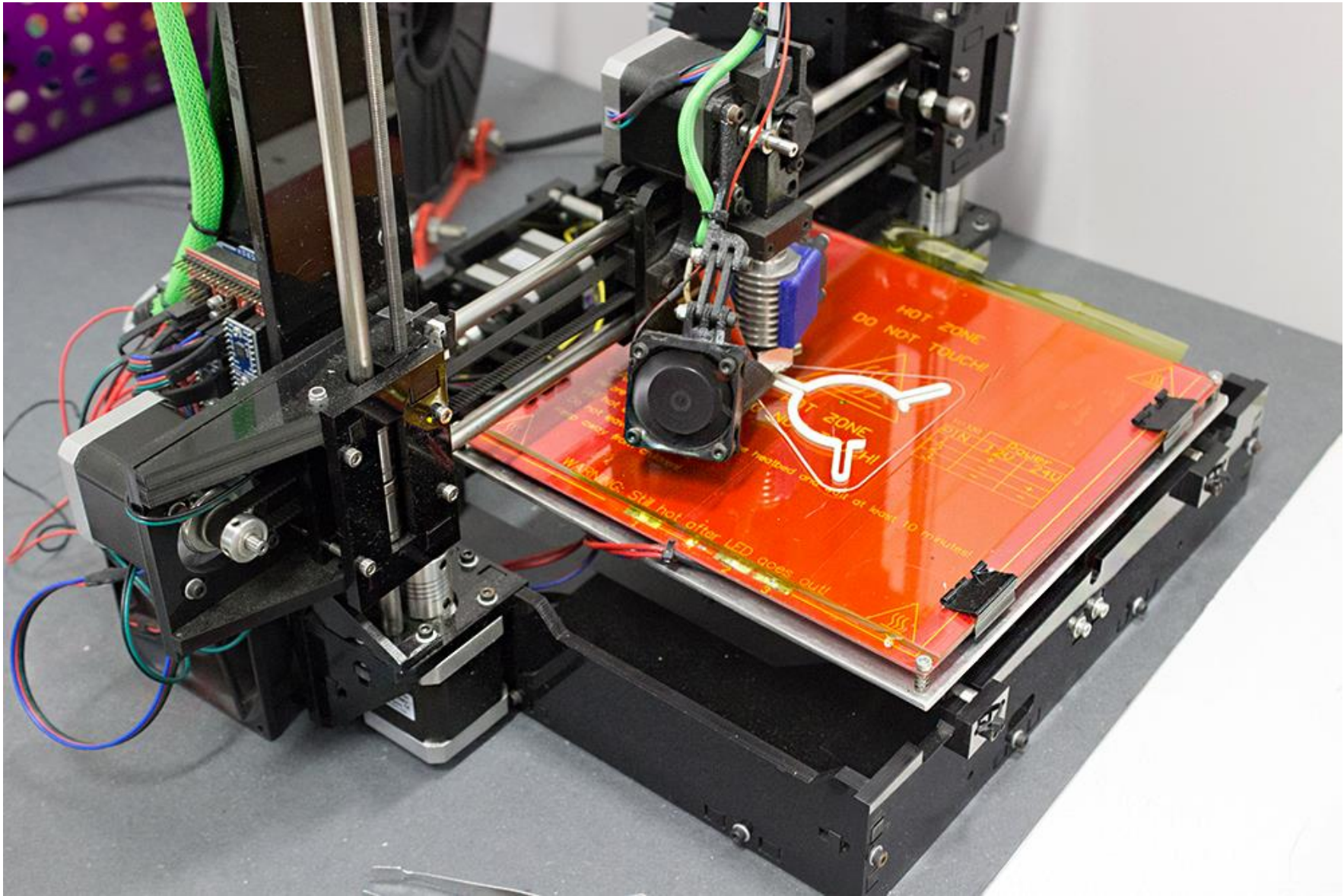
Workflow: Discussão do objetivo inicial



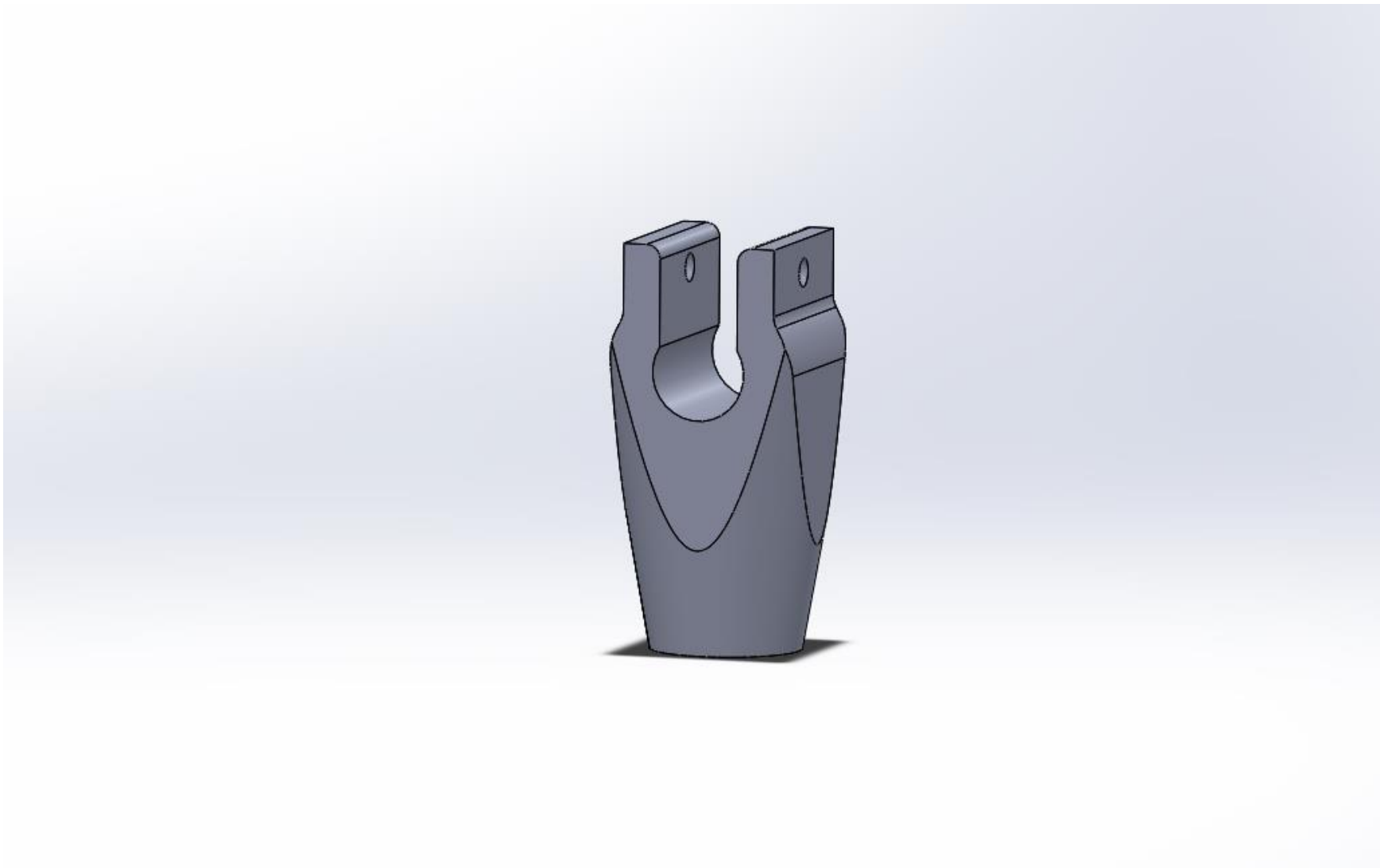
Workflow: Criação de um modelo primitivo



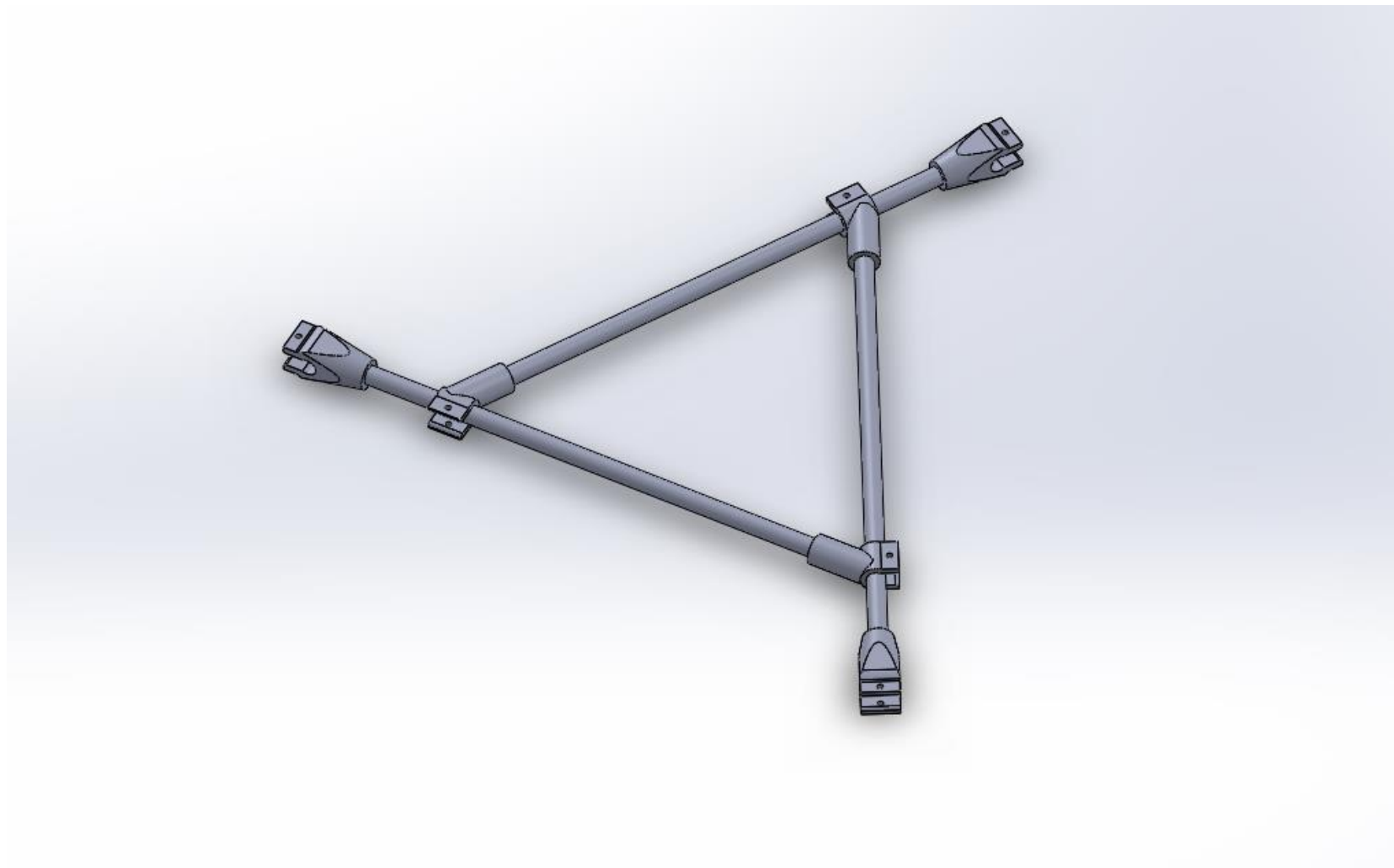
Workflow: Fabricação inicial para testes práticos



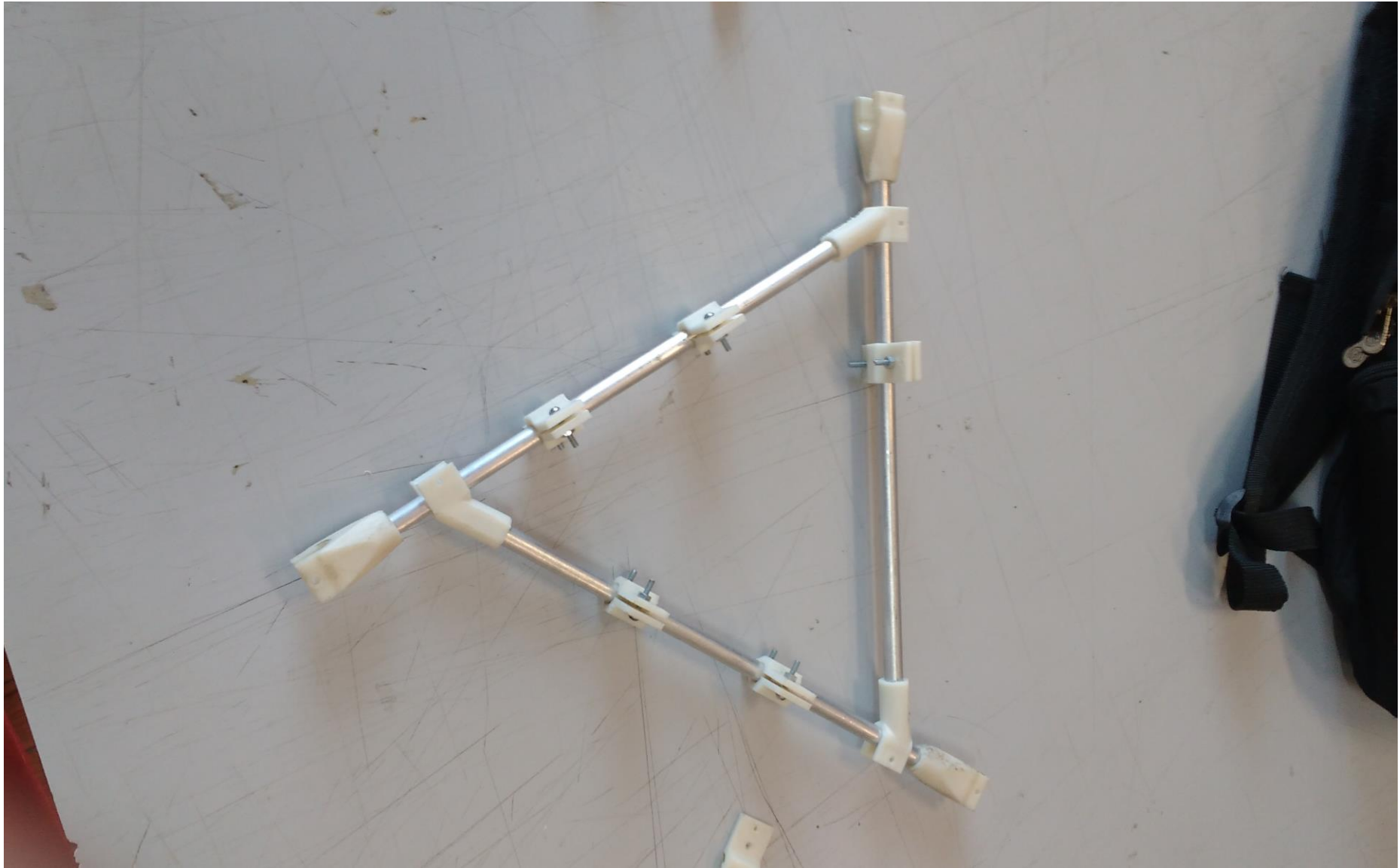
Workflow: Adequação às condições de fabricação



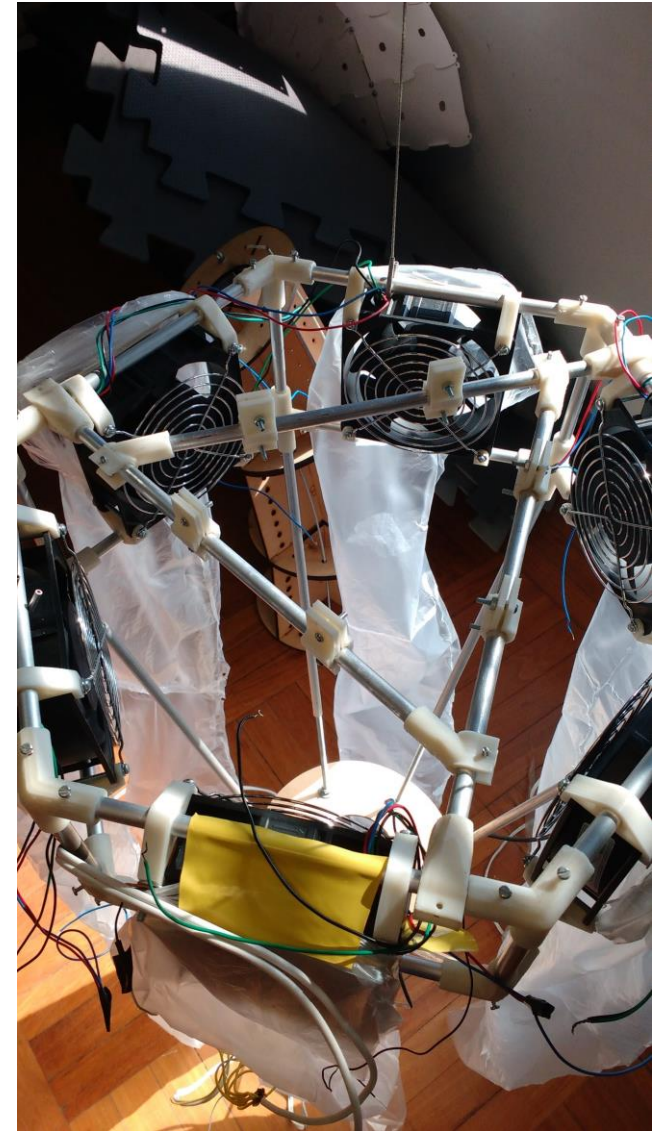
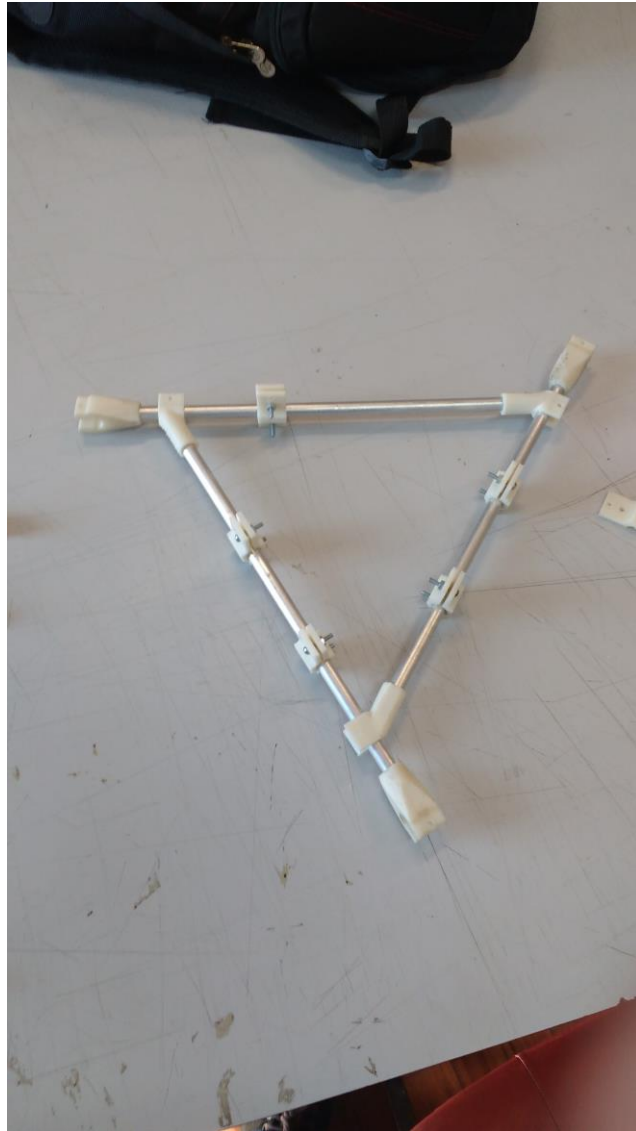
Workflow: Retorno e refinamento



Workflow: Teste virtual no escopo da montagem















Workflow: Peça final

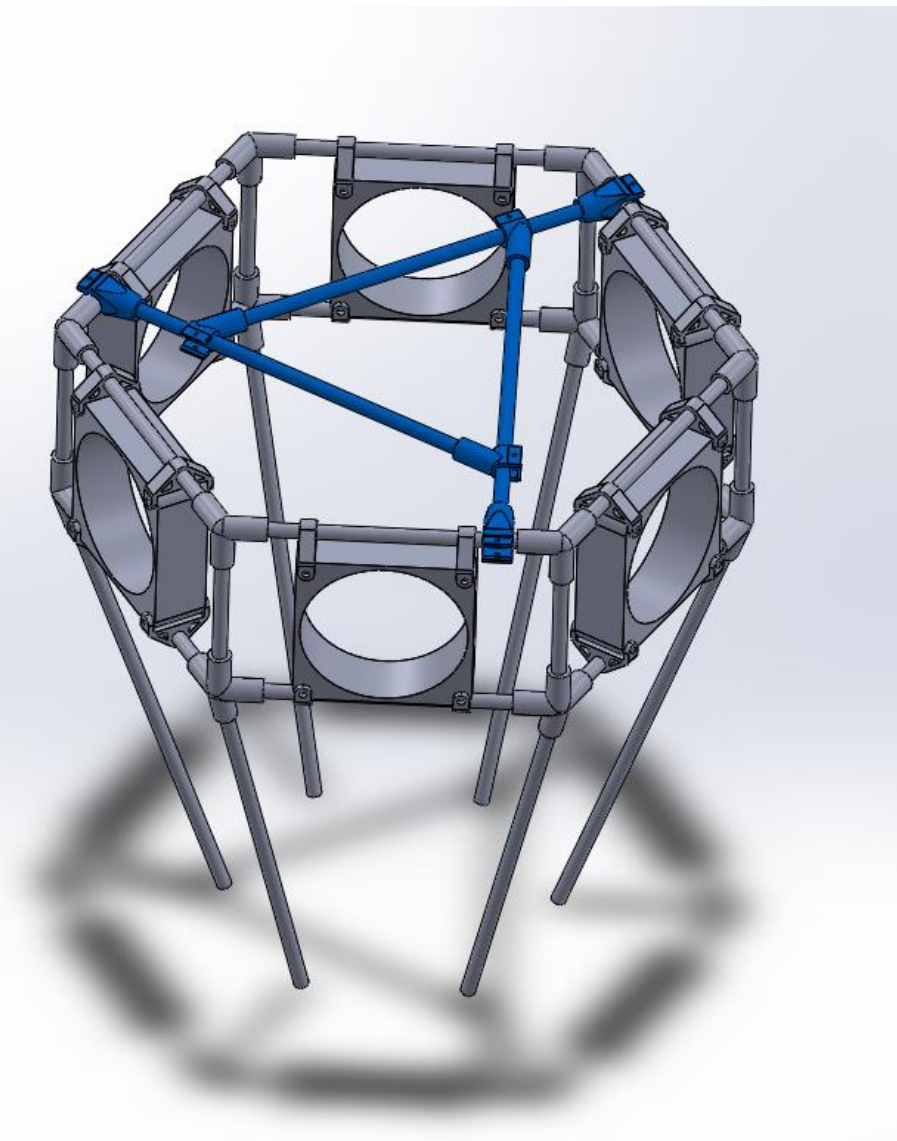
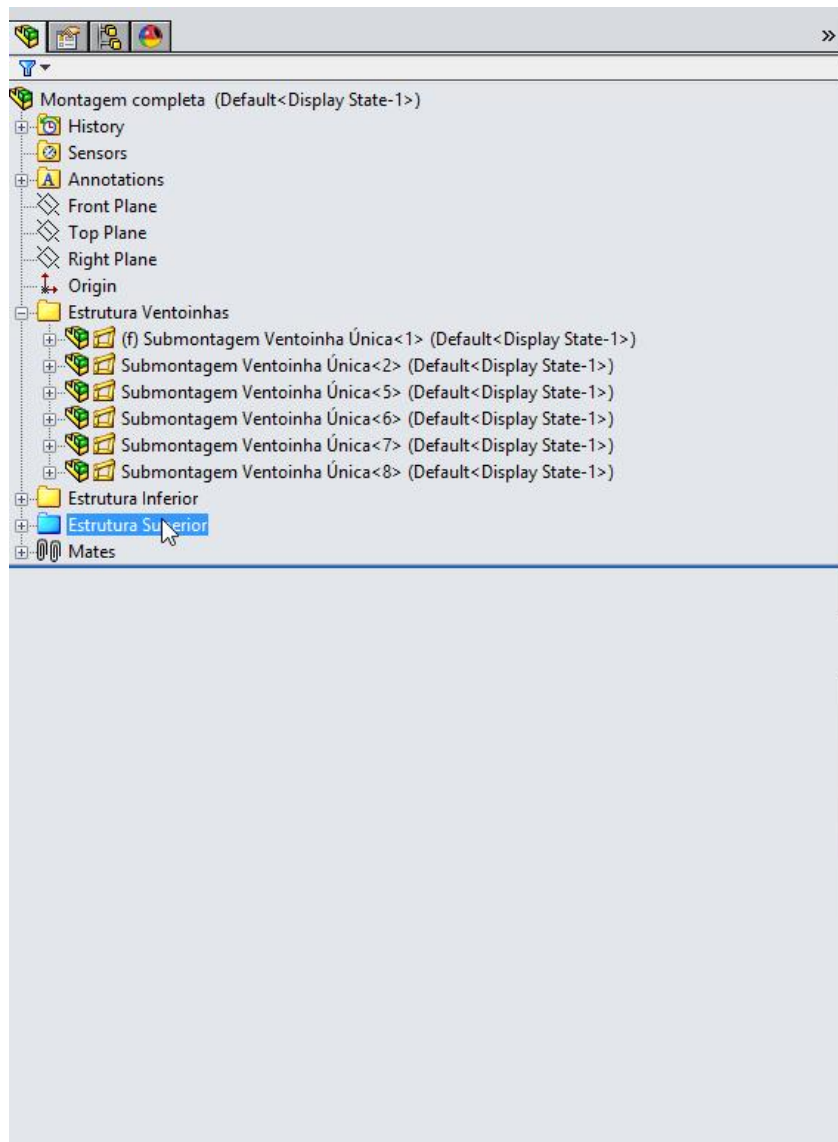


Workflow: Instalação da peça

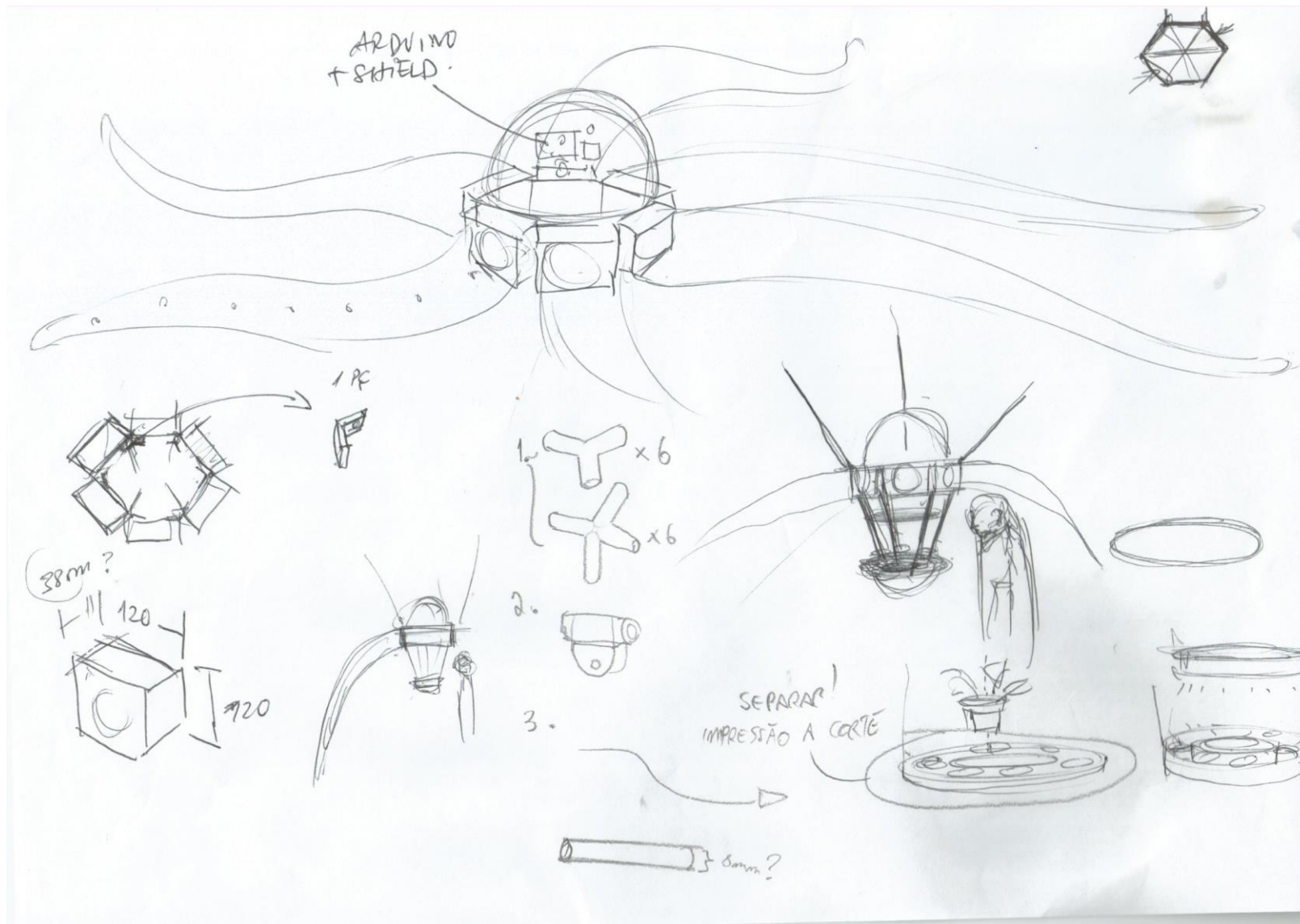
> Modelagem > Modelagem > Hexa

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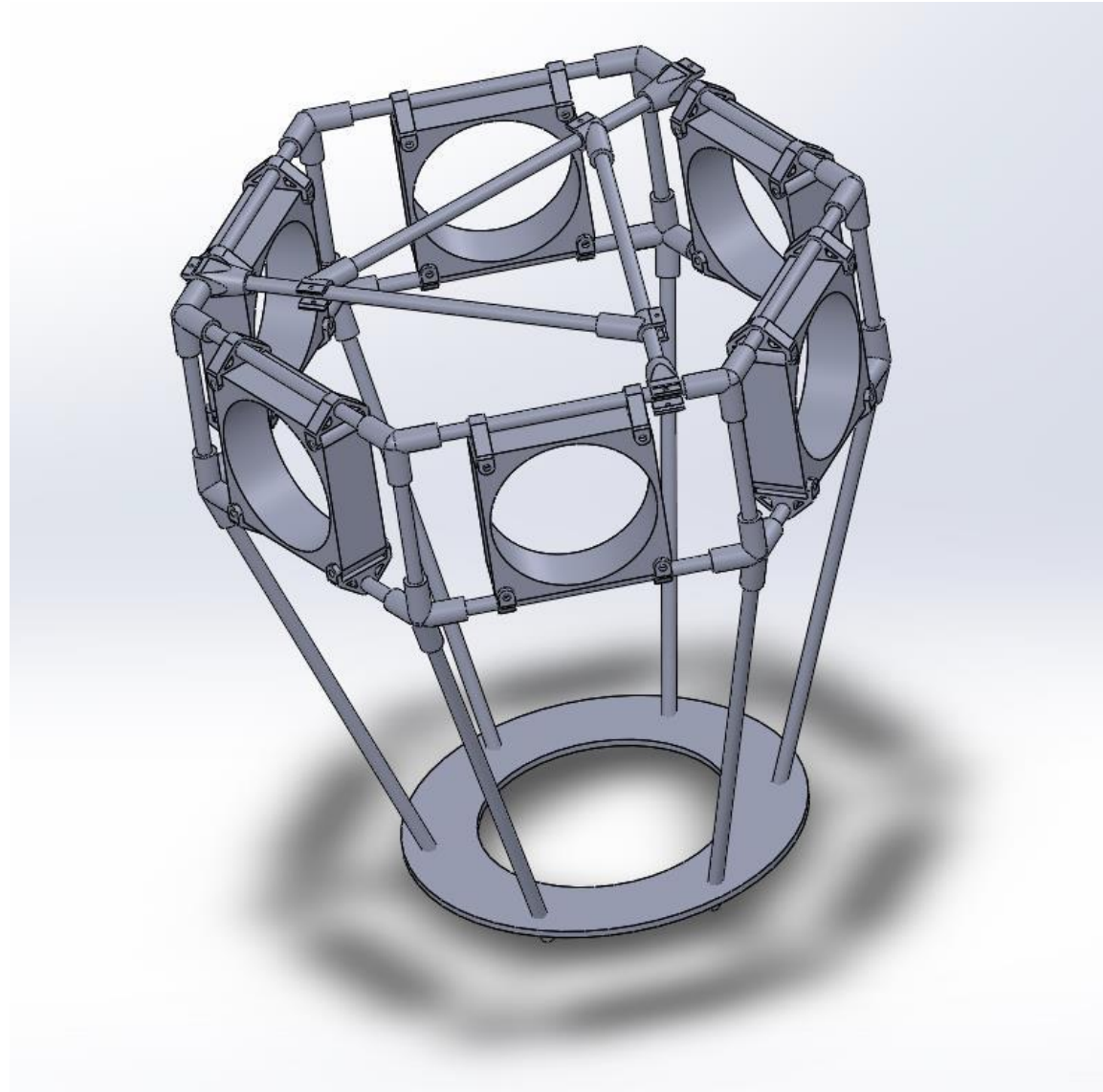
Workflow: Divisão e organização da montagem



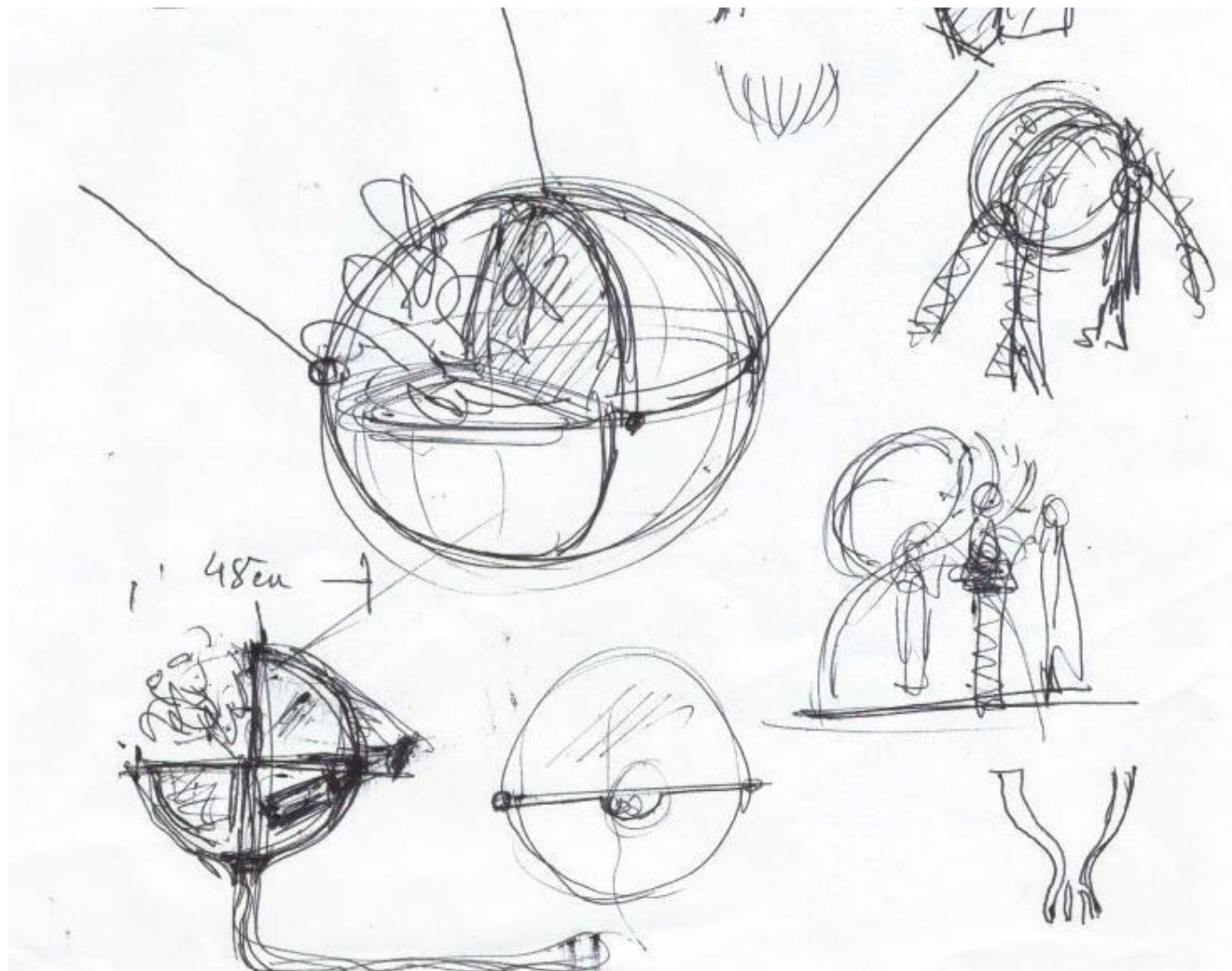
Workflow: Divisão e organização da montagem



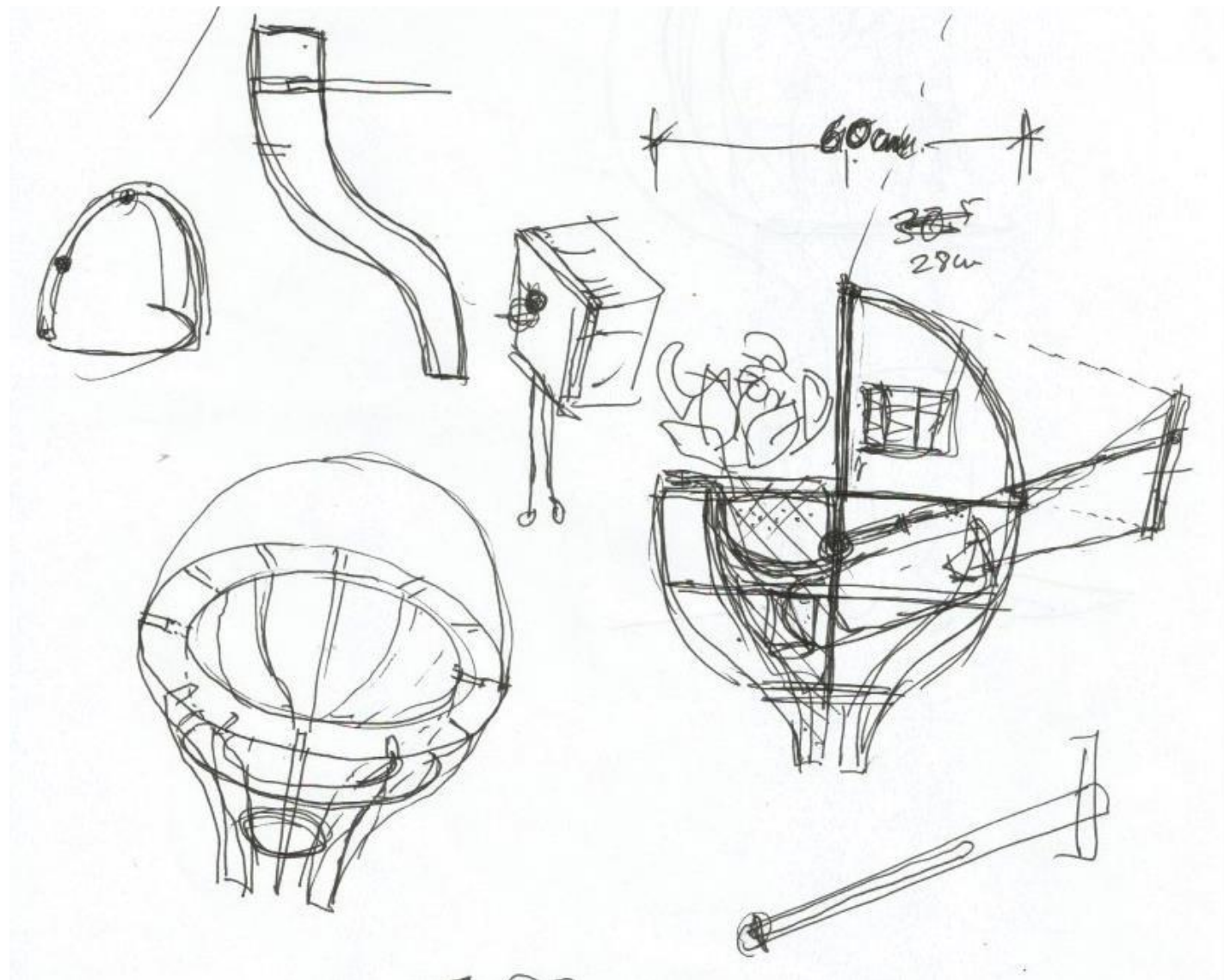
Projetos: Hexa/Polvo



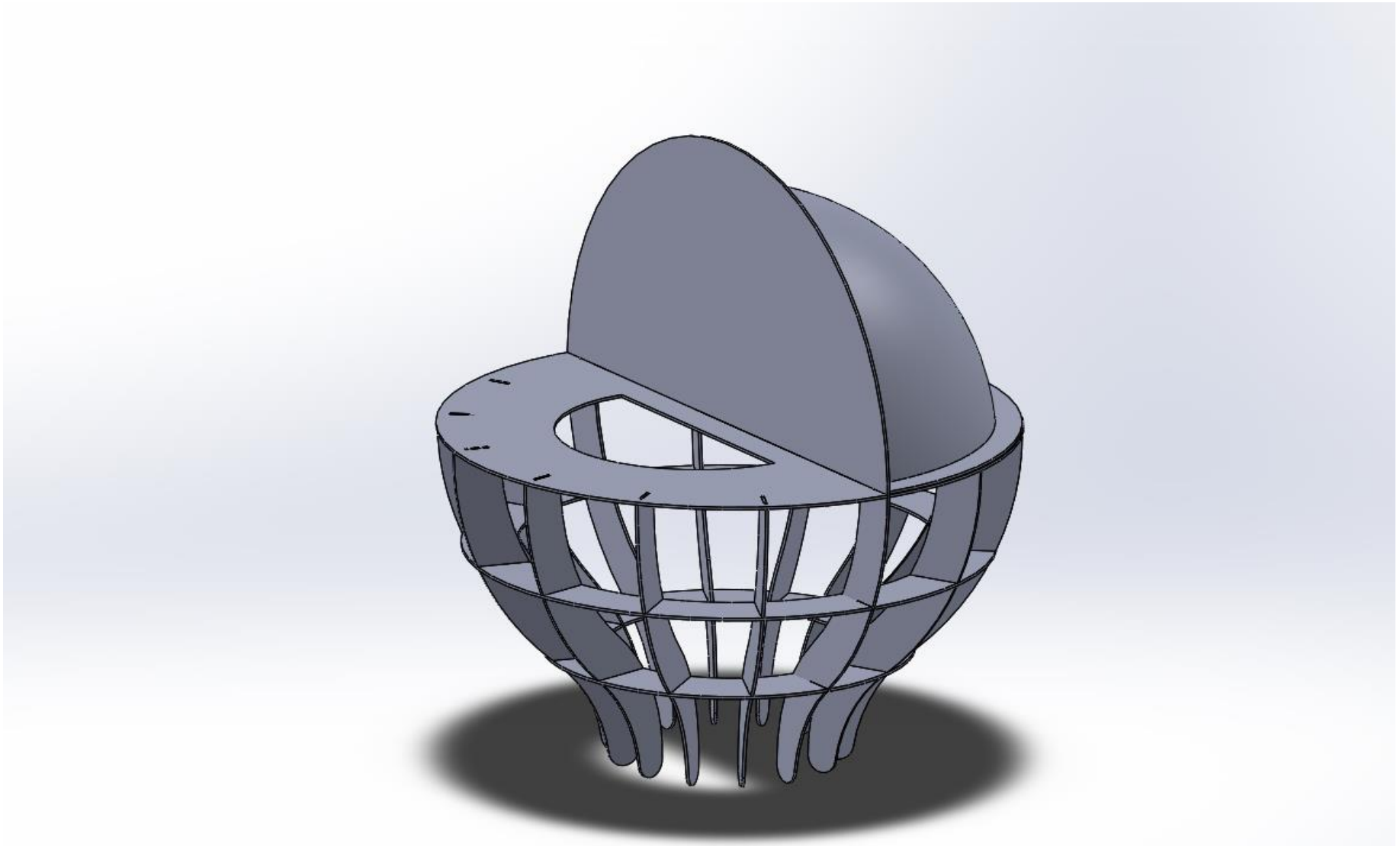
Projetos: Hexa/Polvo



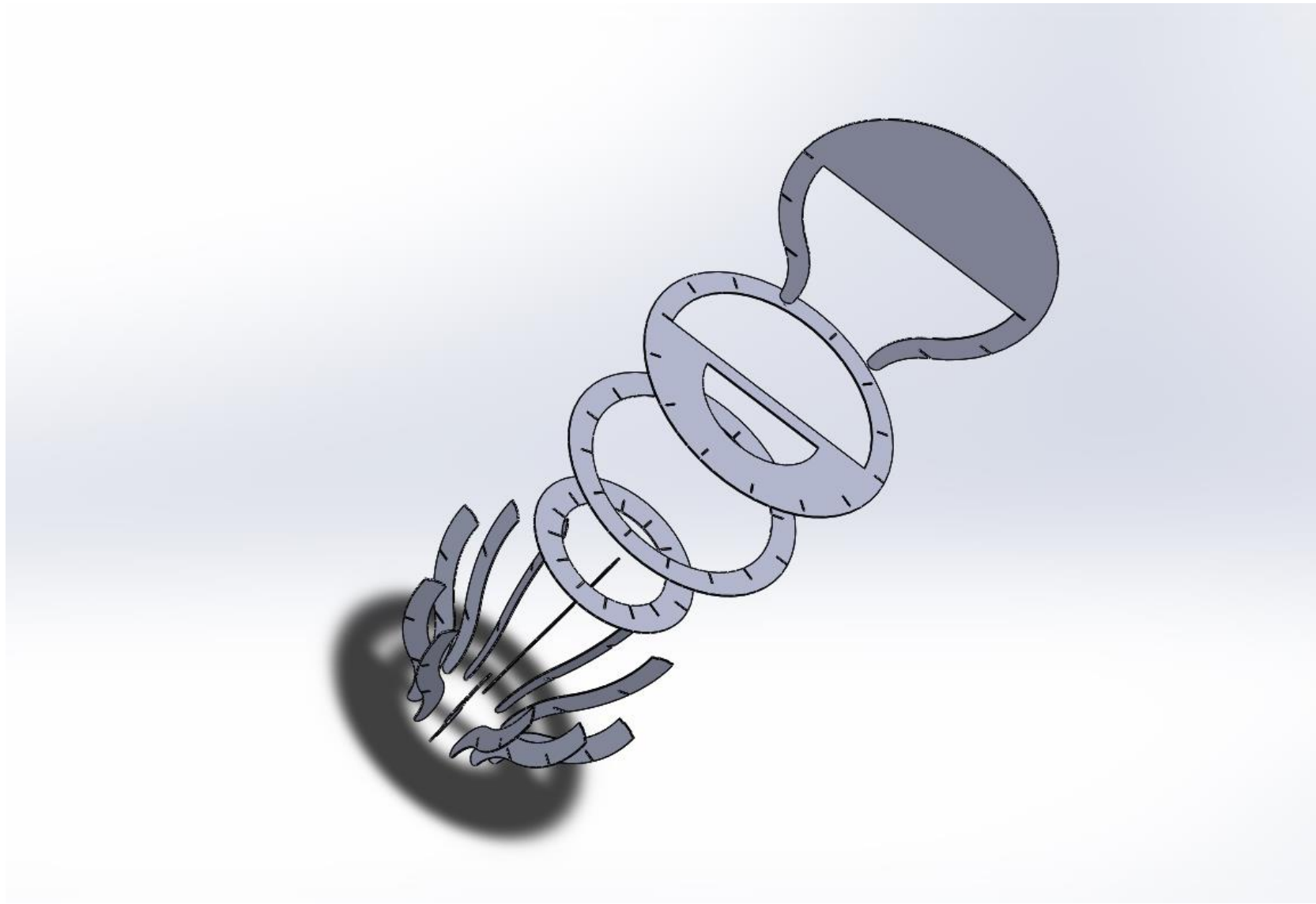
Projetos: Telebiosfera



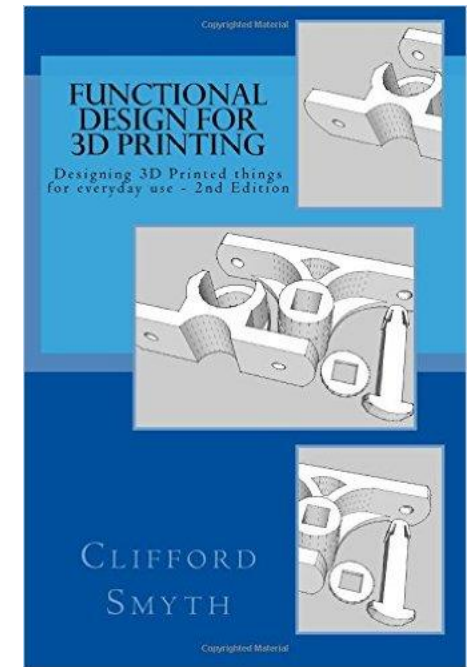
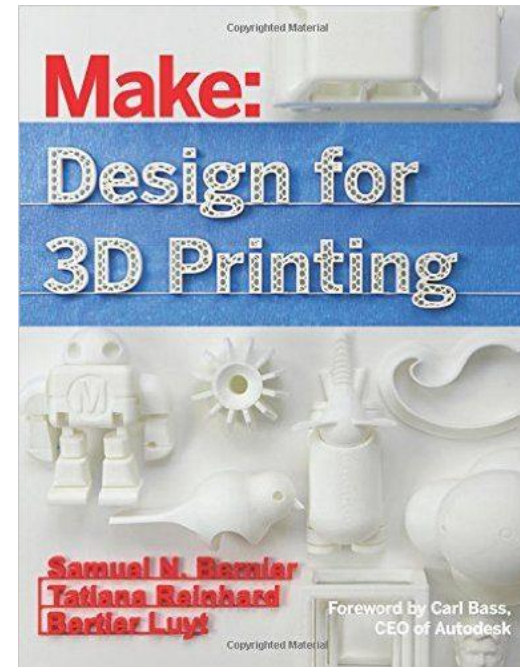
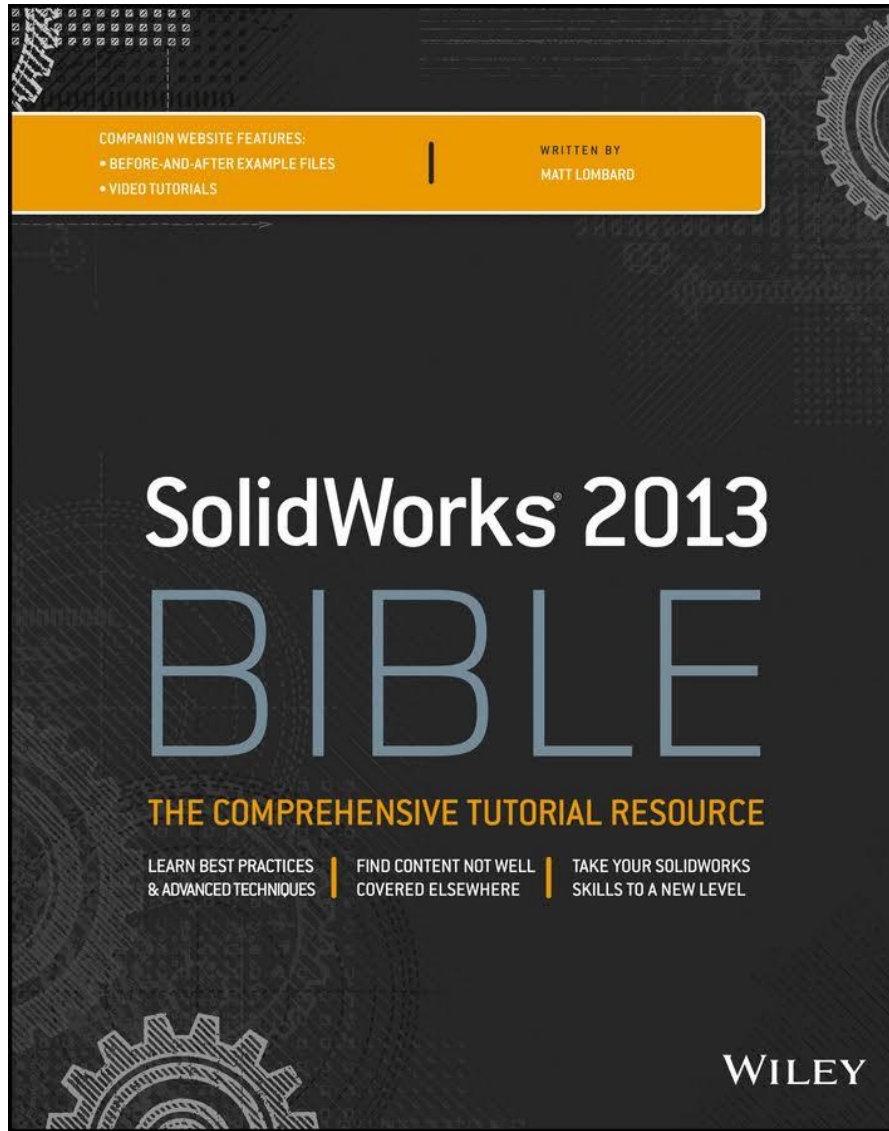
Projetos: Telebiosfera



Projetos: Telebiosfera



Projetos: Telebiosfera



Referências