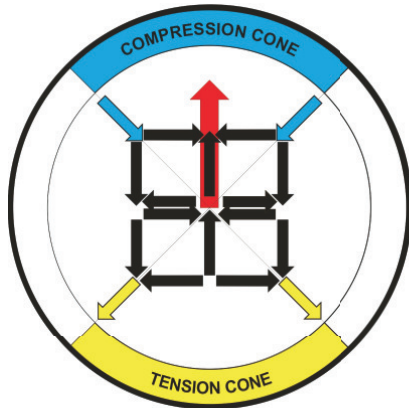


Further Verification of the Method of Force Cones

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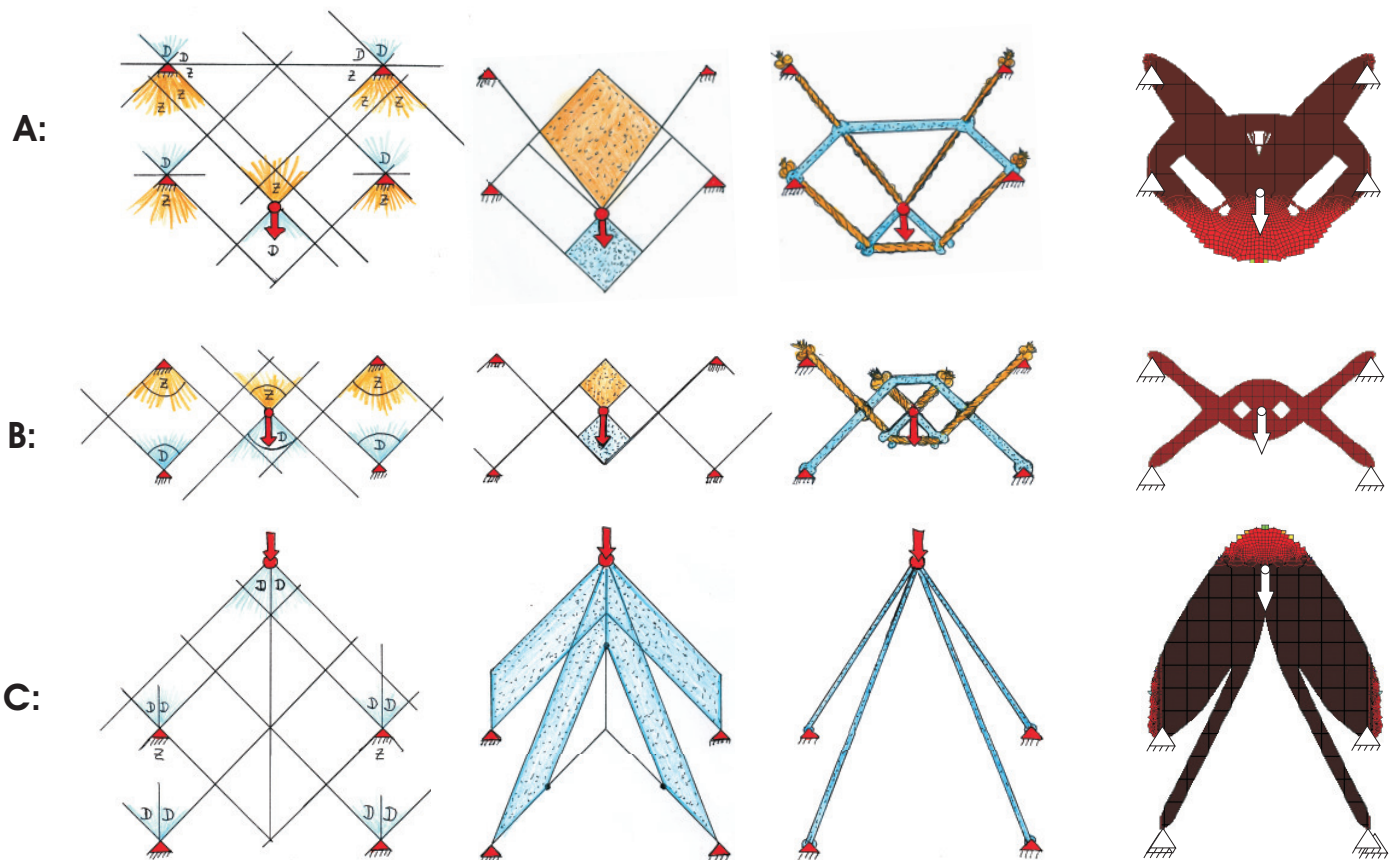
Concept:

Single loads orientate along axial 90° compression cones and 90° tension cones, respectively. Using the edges and intersection points of these cones, a lightweight design can be generated. First results were compared to results of the earlier SKO (Soft Kill Option).

Method of Force Cones

SKO

Three Examples:



Conclusion: Using this simple graphical thinking tool, optimization of topology seems to be possible. The limitations of this method are still unknown to us.

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31.08.2010