

# **structural transformations**

**force systems**

**materials**

**transformations**

**column**

**beam**

**truss**

**arch**

**vault**

**dome**

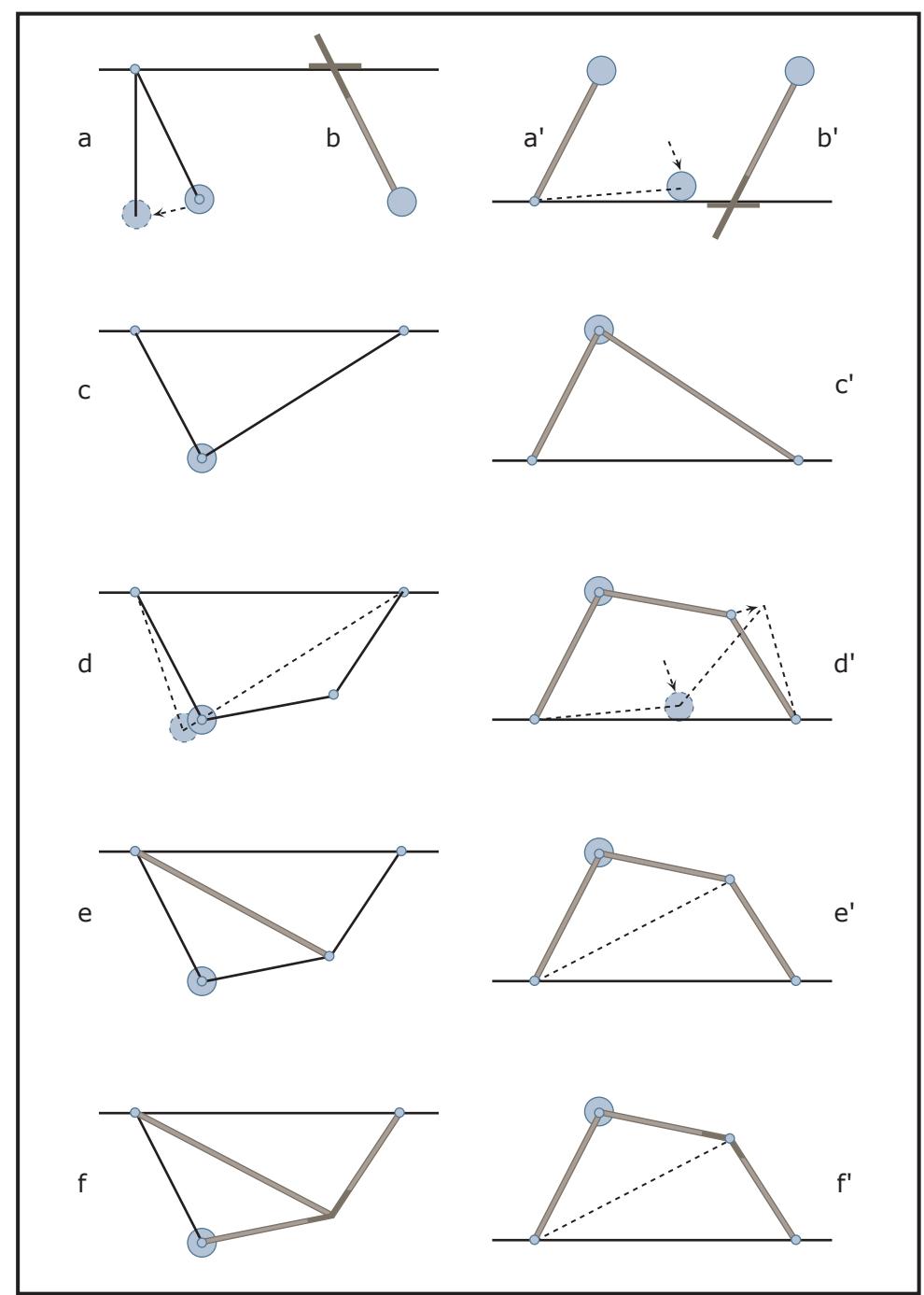
**shell**

**plate**

# structural transformations

## equilibrium

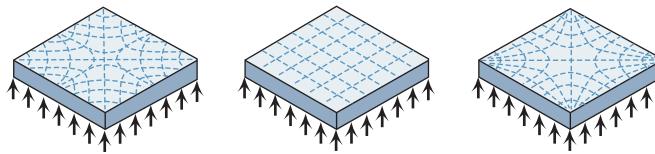
## geometry/load transfer potential



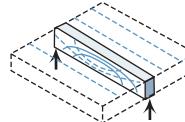
Images by MIT OCW.

# structural transformations

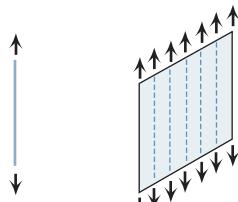
column



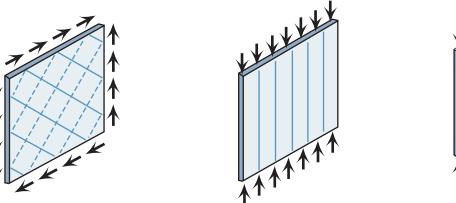
beam



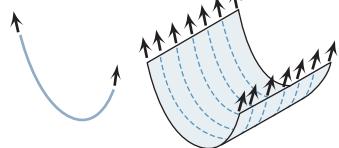
truss



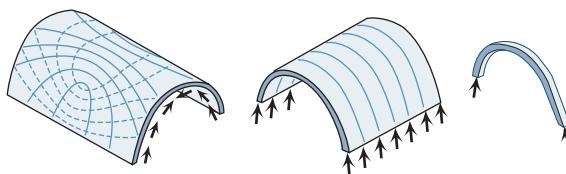
arch



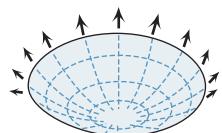
vault



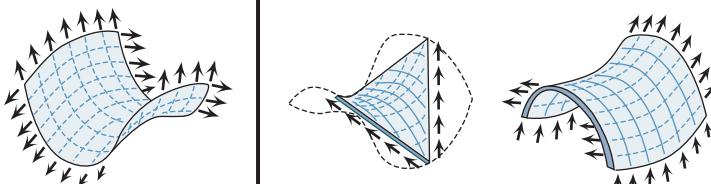
dome



shell



plate



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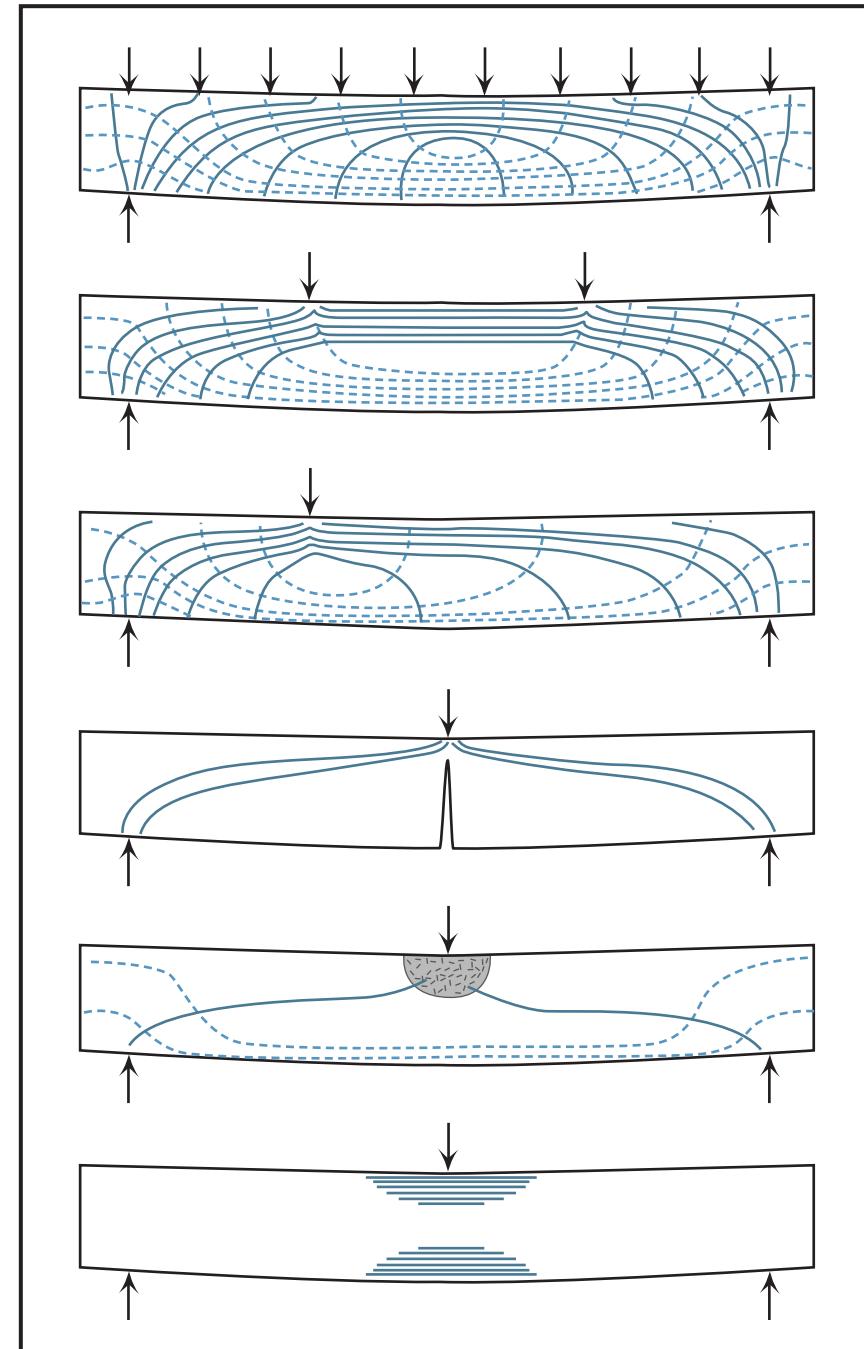
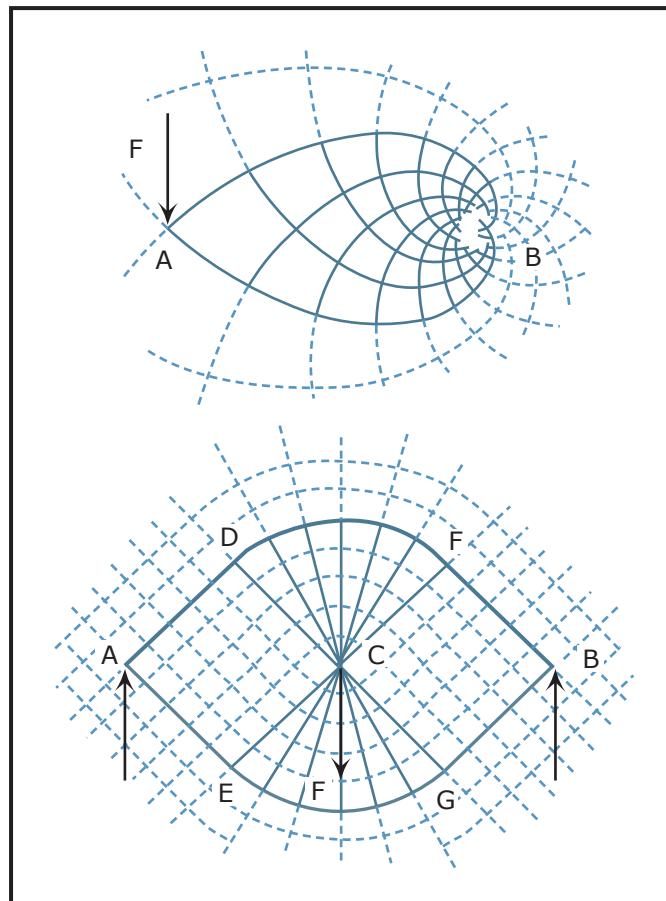
arch

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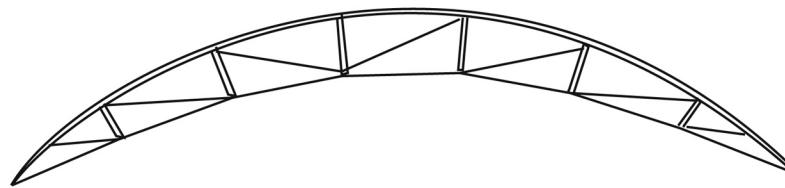
shell

plate



# structural transformations

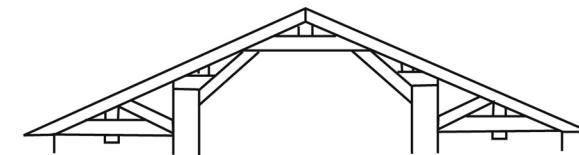
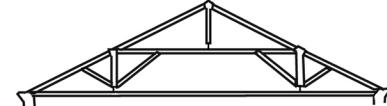
column



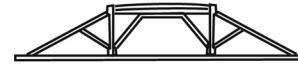
beam

truss

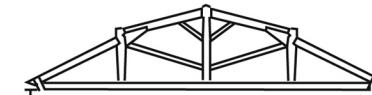
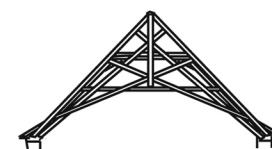
arch



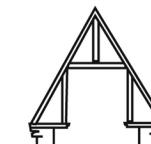
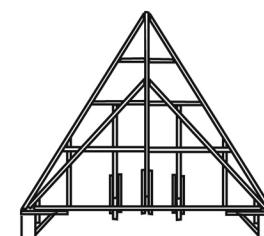
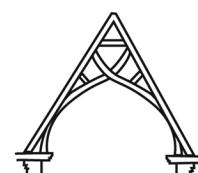
vault



dome



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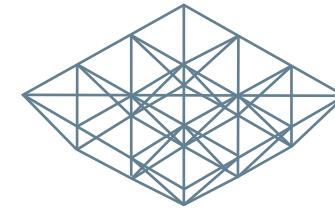
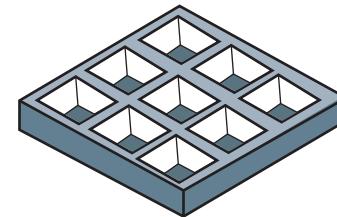
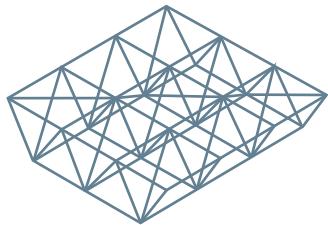


plate

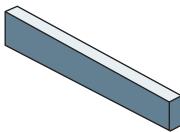
Image by MIT OCW.

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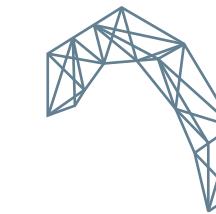
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