





分段结果  
Segmentation result



Double curved srf

Flat structural  
grid-shell system

Timber fabrication  
techniques



Enneper surface  $n=3$



2D optimized grid



CNC milling  
Laser cutting  
Robotic milling



Generate a double curved  
grid-shell from flat elements

Optimize structure  
according to stresses

Single material use and  
mixed fabrication techniques

