





































(RA 71)

geometrical

parameters

 $\bm{x},\,\bm{C}_{xx}$

(unique,

correlated)







Conclusions

- A topological data model is the prerequisite for the denotation and the building process planning.
- A direct parameterization of surfaces needs considerably fewer parameters and allows the application of adjustment techniques.
- Adjustment techniques:
 Allow a very efficient reverse engineering of geometry.
 - Provide new ways for the building construction.

F. Gielsdorf, W. Huhnt: Topology as Central Information in Building Models

Thank you for your attention!

frank.gielsdorf@technet-gmbh.com

huhnt@tu-berlin.de