

## ENGLISH SUMMARY

### FIRE DESIGN OF DOUBLE-LAYER STEEL SPACE FRAMES

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The fire design of space frames, that usually consist of hundreds of trusses and that are several times statically indeterminate, is a diverse and challenging task. Present advanced calculation procedures together with efficient and economical microcomputers make it possible to carry out this design task within the limits of practical structural design. Some essential features concerning space frames and their fire design are presented in the article. In addition a summary of the execution and the results of the FEM analyses performed to space frames in source book /1/ is given in the article.