**ABSTRACT**

In Poland, there are still about 4000 historical timber objects including about 900 churches. This collection seems an important element of European cultural heritage. In general, wooden churches possess user and owner remain in the best technical state. Only about 80 of them are endangered with loss. Presented in the paper are objects most characteristic for Polish timber structures, while analyzing their form, structure as well as historical and artistic values. Also described is the methodology of conservation process. Presenting conservation and reinforcement techniques of structures acceptable from the point of view of conservation doctrine.

**PHOTO-ELASTICITY TEST RESULT (ABOVE) AND STRENGTHENING USING MECHANICAL JOINTS (BELOW)**

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"POLISH WOODEN ARCHITECTURE - JOINT EUROPEAN HERITAGE"

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