

From the rib to the cable: tradition, modernity and the contemporary in the domes to "metal structure" in Italy.

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Abstract This discussion is a reflection on the domes' development as a result of the metal structure where you can identify distinct phases, taking as the geographical focus Italy, a country where the introduction of this technology suffers from the backwardness of the areas involved in its development. The revolution of the metal cover began in the nineteenth century when the middle class chooses the dome, symbol of ecclesiastical power and secular government, to mark the spaces called to represent the social and economic prestige achieved: the store galleries and theaters. Only after II World War, a period that represents the next phase of development, the debate on the metal domes becomes quite important. In particular, the research range from the solution of the coverage of the large assembly spaces such as sports arenas, to the complete redefinition of the envelope.

Keywords steel, form, innovation

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