Form finding process for bamboo structures
Form finding process for bamboo structures

States of the research diagram
Form finding process for bamboo structures

Human body fat cells
Form finding process for bamboo structures

Sand grain
Geodesic dome made of bamboo. Punctual joints
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Tensegrity geodesic dome made of bamboo
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“Spin” joint

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Passing on bamboo geodesic dome technics

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Bamboo dome assembled for an exhibition

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Bamboo dome assembled for a theatrical performance
Bamboo dome as structural core for the construction of a chapel in Andrelândia-MG
Bamboo dome as structural core for the construction of a chapel in Andrelândia-MG
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Square-based soap bubble

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Deformed square-based soap bubble

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Inflated latex membrane
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Funicular (catenary) model
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Obtaining the bamboo lattice with “spin” joints

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Steps for the construction of Yvy Porã dome (square-based bamboo dome)

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Yvy Porã dome (square-based bamboo dome)

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Yvy Porã dome (square-based bamboo dome)
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Steps for obtain the shape for the cover of the LILD`s new building
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LILD’s new building

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LILD's new building
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Curved bamboo strips dome

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Curved bamboo strips dome
Form finding process for bamboo structures

Bubble Hall - Bubble model

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Bubble Hall - Electronic Model

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Bubble Hall - Paper Model

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Bubble Hall - Bamboo scale model

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Thank you for your attention.

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