‘Unlocking’
A three-dimensional bamboo sketch

Carla Feijen & Chiel Duran at the World Bamboo Congress
Merkplas 2012
3-D sketches

Penta-Pyramide
with golden mean dimensions

Made of sisalrope, 1997
5 x 5 x 5 meter
3-D sketches with bamboo
Golden-mean-kit
made of bamboo sticks

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\frac{1}{\phi^2}
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\frac{1}{\phi}
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1

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\phi
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\phi^2
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3-D sketches with bamboo golden-mean-kit
3-D sketches with bamboo golden-mean-kit
3-D sketches
with bamboo
golden-mean-kit
3-D sketches
with bamboo
golden-mean-kit
Folded space
from a 2-d pattern to a 3-d space
folded out of a pentagonal sheet of paper (± 1m²)
Folded space
from a 2-d pattern to a 3-d space
folded out of a pentagonal sheet of paper (± 1m²)
Folded paper

from a 2-d pattern to a 3-d natural form
3-D sketches with bamboo

the geometry of the first stage of botanical growth
‘Unlocking’
the geometry of the first stage of botanical growth
Bending bamboo

Using the tensile strenght of bamboo
Bending bamboo

Using the tensile strength of bamboo
Thanks to:

Johan Gielis
for inviting us and helping with the harvest

Jan Oprins
for the bamboo

Royal Dutch Marines Corps
for the “Corkscrews”

Carel
for his daily interest and the news about the newborn lambs
Bending bamboo

Using the tensile strength of bamboo

Thank you for listening and enjoy the work of art

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