

The Convertible House

GENERAL DESCRIPTION

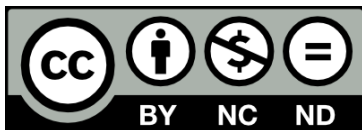
Module Film
Theme A planet organized by humans
Languages Japanese, English

Credit information

Author Pavel Boytchev
Conceptual design Pavel Boytchev
Animation and visual effects Pavel Boytchev
Japanese language consultation Masahiro Sowa, Kenichi Kuroda, Ben Abderazek
Haiku poems..... Natsume Soseki, Matsuo Basho, Masaoka Shiki,
Kajiwara Hashin, Fukuda Chiyo-ni, Kobayashi Issa,
Yosa Buson, Murakami Kijo
Music Fabian Measures
Sound effects..... Freesound.org's members CGEffex, gelo_papas, gim-sudio,
JasonElrod, RHumphries and sonidor.

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Short description

The film *The Convertible House* represents a virtual floor plan of house that can change its layout to accustom itself to different weather and environmental conditions. Depending on the actual shape, the house can expose its rooms to sun light; or it can curl up to protect itself during stormy days.

The conversion is based on the solution of the famous century-old mathematical problem called *The Haberdasher's Problem*. The goal is to cut an equilateral triangle into four pieces that can be rearranged into a square.

The film portrays several of the possible house configurations accompanied by haiku poems by eight classical Japanese poets between 17th an 20th century. The selection of haiku poems is used in accordance with house's features in the hope of revealing the Nature-awareness of the house.