Automatically Adjustable Antenna

Group 16

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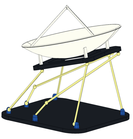
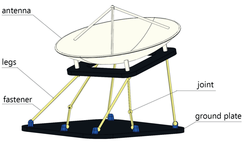
THE PROJECT

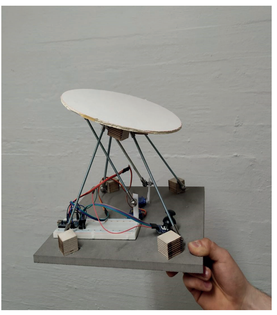
The idea behind the project was to find a stable sructure on arranged legs and pin-joints, which would have an innovative purpose, freedom of movement and stability in every possible position.

MECHANISM



Our solution is the Automatically Adjustable Antenna. The structure is based on a base platform, four fixed position legs, two legs positioned on an automated mechanism and a roof platform, which in this case is an antenna. The antenna could be replaced by any desired platform - a solar panel, for example. As the automated mechanism is activated, two legs are moving and the roof platform is changing the position. As a result, the roof is capable to rotate in every position, while the base is fixed and stable.





ENG-A1002 - ARTS-ENG Project

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