

SECTION EUROPEENNE

Epreuve spécifique de sciences physiques en anglais

Exoplanet

Are every planet in the universe moving like Earth ?

Document : : Video « Exoplanets »

An astronomer explains his discovery about a planet called 16-cygnus-B located in the constellation of « cygnus the swan ».

TASK : You heard about the motion of 16-cygnus-b on TV. Explain your parents how that can be explained thanks to what you learned this year.

- What are the trajectories of 16-cygnus-B and of the planets in the solar system ?
- Does it agree with Kepler's laws ?
- What else can you tell about 16-cygnus-B motion ?
- Could life exist on this planet ?