C . O . D . S

Learn . Develop . Grow

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Problem Statement : Develop a communication system between the planets when an exoplanet like Kepler 1649C is in the place of earth in our solar system.

Abstract for solution :

"Kepler 1649C: possible twin of earth?"

Kepler 1649C is the only exo-planet which is very similar to earth in many aspects. This exo-planet receives about 75% of the sunlight, also it has optimum condition for our survival. Kepler 1649C was discovered by NASA's.

This planet is about 300light years away from our planet. The equivalent of 1 year on earth on Kepler 1649C is approximately 19.5days. The technology we use today to communicate or obtain information from other planets would be similar to the one one we would use for Kepler 1649C, only with little variation. The temperature in atmosphere is nearly same. Scientists have predicted that changes of water to be present in liquid form is also high. To communicate with other planets we would require transmitter-antenna-receiver. Use of EM waves which show least deviation would be ideal for communication. The strength of gravity is about 30% more compared to earth. So to send satellites around the orbit different fuel has to be used which can produce higher thrust.