The Dreams of Mathematics

As perceived by P.J. Davis

1. ## The Dream of the Universal Language.

    Mathematics is the universal language, applicable to all intellectual situations. (Descartes, Leibnitz)

2. ## The Dream of Indubitability.

    The statements of mathematics are absolutely and universally true. (Russell, Hilbert, Gödel)

3. ## The Dream of Infinity.

    Mathematics creates, uses, and discusses infinities of many sorts.

4. ## The Dream of Oracularity.

    Mathematics, as an adjunct to other disciplines such as astronomy, physics, economics, describes the present and predicts the future.