Welcome to APPC12

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Today, it is necessary to calculate orbits with high accuracy in space flight. Recently in Korea, the space navigation increasingly attracted public attention. So the objects of presentation is to give an explain the story of three body problem in relevance to chaos in 20th century and its prospects. Since poincar’s conclusion that the three body problem represents of chaos in nature, statistical approach develop in to numerous research and school. asymptotic solutions, characteristic exponents and the non existence of new singlevalued integrals. Eigenvalues are classified as the form of trajectories, as corresponding to nodes, foci, saddle points and centers. Hadamards accounts, say that there are probabilistic orbit. In this context we study three body problem in 20th century and in 21th century by analyzing the works of Aarseth, Szebehely, Kolmogorov, Marchal, Roy, Steves, Valtonen, Milani, Creighton etc. And i discuss of forces of divine which is driven by regular, normative and eigenvalued.