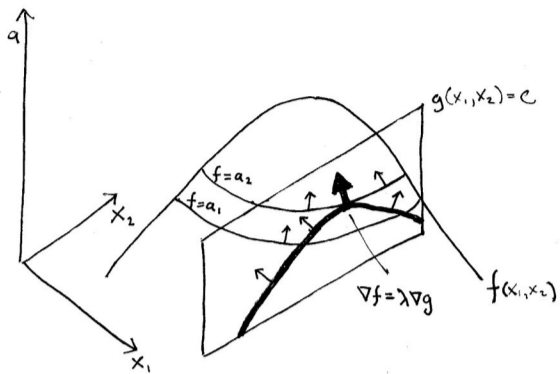


LAGRANGE Bicentenary



$$\frac{da}{dt} = -\frac{2}{n^2 a} \frac{\partial R}{\partial \tau}$$

$$y = a(y')t + b(y')$$



$$\frac{d}{dt} \left(\frac{\partial \mathcal{L}}{\partial \dot{q}_i} \right) - \frac{\partial \mathcal{L}}{\partial q_i} = 0$$

$$L(X) = \sum_{j=0}^n y_j \left(\prod_{i=0, i \neq j}^n \frac{X - x_i}{x_j - x_i} \right)$$

December 6th 2013

9h00 Scientific biography of Joseph Louis Lagrange
by *Luigi Pepe, University of Ferrare*

- *Ceremony at Pantheon* -

14h00 From the stability of the Solar system to the stability of plasmas
by *Cédric Villani, Head of IHP*

15h00 Lagrange and the stability of the Solar System
by *Jacques Laskar, IMCCE, Paris*

16h00 Lagrange and the N body Problem
by *Alain Albouy, IMCCE, Paris*

Organized by *Jérôme Perez, Applied Math. Laboratory, ENSTA Paristech*

Final session of IHP GRAVASCO Trimester

Participation is free but inscription is mandatory on <http://www.ihp.fr/fr/ceb/gravasco/lagrange>
programme on <http://uma.ensta-paristech.fr/conf/gravasco/>