**Theorem.** (Mishchenko). The logarithm of the formal group law of geometric cobordisms is given by

\[ g_U(u) = u + \sum_{k \geq 1} \frac{[CP^k]}{k+1} u^{k+1} \in \Omega_U \otimes \mathbb{Q}[[u]]. \]

**Proof.** We have

\[ dg_U(u) = \frac{du}{\partial F_U(u,v)} |_{v=0}. \]

Using the formula of Theorem 3.2 and the identity \( H_0 = CP^{i-1} \), we calculate

\[ dg_U(u) = 1 + \sum_{k > 0} [CP^k] u^k. \]

A calculation of Chern numbers shows that \([H_1] = [CP^1][CP^{i-1}]\). Therefore, \( dg_U(u) = 1 + \sum_{k > 0} [CP^k] u^k \), which implies the required formula. \( \square \)

**Taras Panov**
Department of Geometry and Topology
Faculty of Mathematics and Mechanics
Moscow State University, Leninskie Gory
119991 Moscow RUSSIA

_E-mail address: tpanov@higeom.math.msu.su_