1052-37-263   **Peter Topalov*** (`p.topalov@neu.edu`), Northeastern University, 360 Huntington Avenue, Boston, MA 02115, and **Kazuyoshi Kiyohara**. *On Liouville integrability of h-projectively equivalent Kahler metrics.* Preliminary report.

Under a non-degeneracy condition we classify the compact connected Kahler manifolds admitting pairs of holomorphically projectively equivalent metrics. Any such manifold is biholomorphically equivalent to $\mathbb{C}P^n$ and has completely integrable geodesic flow. (Received August 30, 2009)