1147-47-20   **Takuya Hosokawa*** (`takuya.hosokawa.com@vc.ibaraki.ac.jp`), 4-12-1, Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan, and **Shuichi Ohno**. *Composition operators induced by products of analytic self-maps.*

The angular derivative and the hyperbolic derivative have been effectively used to characterize the compactness of composition operators between certain analytic function spaces, especially Bergman spaces, Bloch and little Bloch spaces. We will consider the derivatives of products of analytic self-maps and give some results on the problem: which pairs (φ, ψ) of two self-maps induce the compact composition operators $C_{\varphi \cdot \psi}$? (Received September 26, 2018)

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