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Composition Operators from H^∞ to the Bloch Space of a Bounded Homogeneous
Domain.* Preliminary report.

We investigate the weighted composition operators from the Hardy space H^∞ into the Bloch space of a bounded homogeneous domain. We characterize boundedness, give sufficient conditions for compactness, and establish operator norm estimates. Lastly, we study the component multiplication and composition operators from H^∞ to the Bloch space of D, and show that there are no isometries among these operators. (Received August 27, 2009)