

A bounded domain Ω in \mathbb{C}^n is said to have uniform squeezing property if for some constants $0 < a < b < \infty$ and every $x \in \Omega$ there is a biholomorphic map

$$\varphi_x : \Omega \rightarrow \varphi_x(\Omega) \subset B_b(0) \in \mathbb{C}^n$$

such that $\varphi_x(x) = 0$ and $B_a(0) \subset \varphi_x(\Omega)$.

In the presentation I discussed the paper of S.-K. Yeung dealing with the basic geometric properties of such domains. In particular I showed that on such domains all the invariant metrics are comparable (with explicit constants) and such domains are hyperconvex .