962-32-714　　　　**Jerry R Muir, Jr.*** (`jerry.muir@rose-hulman.edu`), Department of Mathematics, Rose-Hulman Institute of Technology, 5500 Wabash Ave., Terre Haute, IN 47803, and **Ted J Suffridge** (`ted@ms.uky.edu`), Department of Mathematics, 713 Patterson Office Tower, University Of Kentucky, Lexington, KY 40506. *Unbounded Convex Mappings of the Ball in $\mathbb{C}^n$.*

We consider holomorphic functions $F : B \to \mathbb{C}^n$ (B is the open unit ball of $\mathbb{C}^n$) that are univalent, normalized ($F(0) = 0$, $DF(0) = I$), and are such that $\Omega = F(B)$ is an unbounded convex domain. In particular, suppose that Ω contains a line $\{tu : t \in \mathbb{R}\}$ for some $u \in \mathbb{C}^n$, $u \neq 0$. We will show that under certain reasonable conditions, up to composition with a holomorphic automorphism of B, F is an extension to B of the strip mapping in the open unit disk of $\mathbb{C}$. (Received September 22, 2000)