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**Tuyen Trung Truong\*** (tutruong@syr.edu), Department of Mathematics, Room 215 Carnegie Building, Syracuse University, Syracuse, NY 13244. *On automorphisms of blowups of  $P^3$  or  $P^2 \times P^1$ .*

We will present a heuristic argument to show that it is difficult to find automorphisms  $f : X \rightarrow X$  of positive entropies on compact Kahler manifolds  $X$  of dimension at least 3, and will discuss in detail the cases when  $X$  is a blowup of  $P^3$ , or  $P^2 \times P^1$ , or  $P^1 \times P^1 \times P^1$ . (Received September 13, 2012)