A CORRECTION ON
"A CONJECTURE OF CLEMENS ON RATIONAL CURVES ON HYPERSURFACES"

CLAIRE VOISIN

1.

The purpose of this note is to correct a mistake in the proof of the main theorem of [3]:

Theorem 1. *Let* $X \subset \mathbb{P}^n$ *be a general hypersurface of degree* d. *Let* $k \leq n - 3$; *then the following hold:*

i) *If* $d \geq 2n - 1 - k$, *any* k-*dimensional subvariety* Y *of* X *has a desingularization* $\tilde{Y}$ *with an effective canonical bundle.*

ii) *If* $d > 2n - 1 - k$, *and* Y *is as above, the canonical map of* $\tilde{Y}$ *is generically one to one on its image.*

Recall that Ein [1] proved the following:

Theorem 2. *Let* $X \subset \mathbb{P}^n$ *be a general hypersurface of degree* d *and* $k \leq n - 1$. *Then the following hold:*

i) *If* $d \geq 2n - k$, *any* k-*dimensional subvariety* Y *of* X *has a desingularization* $\tilde{Y}$ *with an effective canonical bundle.*

ii) *If* $d > 2n - k$, *and* Y *is as above, the canonical map of* $\tilde{Y}$ *is generically one to one on its image.*