

**CORRIGENDUM TO “SURFACES IN THE
GRASSMANN VARIETY $G(1, 3)$ ”**

A. PAPANTONOPOULOU

The theorem in [2] is incorrect as stated. The following condition on the surfaces considered should be added to the statement of the theorem: If for some cycle $Z \subset G$, $\dim(D = Y \cap Z) > 0$ then the intersection is transversal and D is an irreducible nonsingular curve. In [1] N. Goldstein gives two examples of ruled surfaces in G with nonample normal bundle and in [3] we describe all such ruled surfaces in $G(1, 3)$.

REFERENCES

1. N. Goldstein, *Examples of non-ample normal bundles*, *Compositio Math.* **51** (1984), 189–192.
2. A. Papantonopoulou, *Surfaces in the Grassmann variety $G(1, 3)$* , *Proc. Amer. Math. Soc.* **77** (1979), 15–18.
3. _____, *On ruled surfaces in $G(1, 3)$* , Preprint.

DEPARTMENT OF MATHEMATICS, LEHIGH UNIVERSITY, BETHLEHEM, PENNSYLVANIA 16802