

curve of  $S$  coincide, those of  $\Sigma$  also are coincident. Moreover if the former constitute a plane curve, the tangent planes to  $\Sigma$  along its flecnode curve, envelope a cone. But we have seen that this last is both necessary and sufficient to make the flecnode curve of  $\Sigma$  a plane curve, for the envelope of the tangent planes along a branch of the flecnode curve is the secondary developable. We conclude therefore that if the two branches of the flecnode curve of a ruled surface coincide in a plane curve, the same is true of the dual surface. Moreover both surfaces have the dual property.

THE UNIVERSITY OF CHICAGO,  
March, 1915.

---

#### ERRATA, VOLUME 15

Page 87. BURTON H. CAMP. *Lebesgue integrals containing a parameter, with applications.*

Page 106, line 2 from bottom, change last letter  $\tau$  in line to  $t_1$ ; last line, insert at end of sentence "and (a)."