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ON A PROOF FROM QUATERNIONS OF THE CELEBRATED THEOREM OF JOACHIMSTHAL*

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Sir W. R. Hamilton added some remarks on a very simple proof of the celebrated Theorem of Joachimsthal, derived from the Calculus of Quaternions.

* [See Lectures, article 585. The theorem referred to is the following: 'For any central surface, if P is the length of the perpendicular from the curve onto a tangent plane and D is the length of the semi-diameter parallel to the direction of the geodetic on the surface at the point of contact of the tangent plane, then PD is constant.']